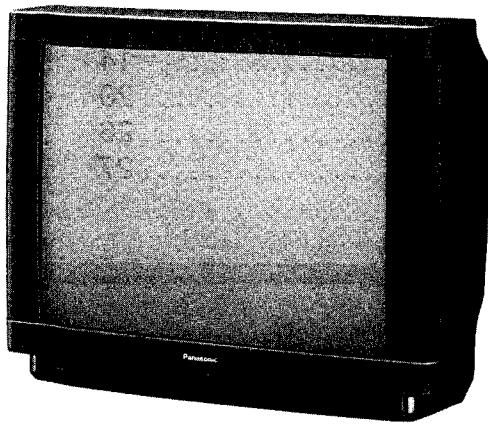


Service Manual



Color Television
TC-33V2PX
NMX-M16MC chassis

Specifications

Power Source :	AC Automatic Voltage Selection 120 - 240 V, 50 / 60 Hz	Video / Audio Terminals :		
Power Consumption :	255 W (Max.) 22.0 W (Stand-by condition)	AV1, 2, 3 IN	Video (Phono) 1 Vp-p 75 Ω S-Video Y : 1.0 Vp-p 75 Ω C : 0.3 Vp-p 75 Ω	
Aerial Impedance :	75 Ω unbalanced, Coaxial type	Monitor OUT	Audio (Phono) Approx. 400mV Video (Phono) 1 V p-p 75 Ω Audio (Phono) Approx. 400mV	
Receiving System :	21 Systems			
Receiving Channels :		High Voltage :	32.0 kV (+15, -1.5) kV at zero beam current	
VHF Band	2 - 12 1 - 12 1 - 12 2 - 13	(PAL / SECAM - B) (PAL / SECAM - D) (NTSC - M Japan) (NTSC - M U. S. A.)	Picture Tube :	M78KPH165X M78KPH166X (Philippines) M78KPH167X (South Africa) Type 33 (84cm) measured diagonally , 108° deflection
UHF Band	21 - 69 21 - 69 13 - 56 13 - 62 14 - 69	(PAL - G , I / SECAM - G) (SECAM - K) (PAL - D) (NTSC - M Japan) (NTSC - M U. S. A.)	Audio Output :	12 W (Max.) x 2 Impedance 8 Ω
CATV	U. S. A. VHF Band Mid Band Super Band Hyper Band Ultra Band	(4 + (formerly 5A), ICC5, ICC6) (A - 5 ~ A-1, A ~ 1) (J ~ W) (AA ~ ZZ, AAA, BBB) (65 ~ 94)	External Speaker	12 W (Max.) x 2 Impedance 8 Ω
	Europe	S1 ~ S3, M1 ~ M10	Speaker :	2 way 2 speaker system, L / R
Intermediate Frequency :			Dimensions :	Height : 64.1 cm Width : 80.1 cm Depth : 54.1 cm
Video	38.0 MHz	(D, K)	Mass :	60.0 kg (Net)
Sound	31.5 MHz	(I)	Accessories supplied :	Remote Controller x 1 " R6 " Batteries x 2
	32.0 MHz	(B, G)		
	32.5 MHz	(M)		
Color	33.5 MHz	(PAL)		
	33.57 MHz	(SECAM)		
	33.60 MHz	(SECAM)		
	33.75 MHz	(NTSC)		
	34.42 MHz			

Specifications are subject to change without notice.
Mass and dimensions shown are approximate.

Panasonic®

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IMPORTANT SAFETY NOTICE

There are special components used in Panasonic TV which are important for safety. These parts are shaded on the schematic diagram. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent X-radiation, shock, fire, or other hazards. Do not modify the original design without permission of Matsushita Electric.

Safety Precautions

General Guide Lines

1. It is advisable to insert an isolation transformer in the AC supply before servicing a hot chassis.
2. When servicing, observe the original lead dress, especially the lead dress in the high voltage circuits. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
3. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers, shields, and isolation R-C combinations, are properly installed.
4. When the receiver is not to be used for a long period of time, unplug the power cord from the AC outlet.
5. Potential, as high as 32.0 kV, is present when this receiver is in operation. Operation of the receiver without the rear cover involves the danger of a shock hazard from the receiver power supply. Servicing should not be attempted by anyone who is not thoroughly familiar with the precautions necessary when working on high voltage equipment. Always discharge the anode of the picture tube to the receiver chassis before handling the tube.
6. After servicing make the following leakage current checks to prevent the customer from being exposed to shock hazards.

Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Turn on the receiver's power switch.
3. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the receiver, such as screwheads, aerials, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between $4\text{ M}\Omega$ and $20\text{ M}\Omega$. When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

Leakage Current Hot Check (See Fig. 1)

1. Plug the AC cord directly into the AC outlet.
Do not use an isolation transformer for this check.
2. Connect a $2\text{ k}\Omega$, 10W resistor, in series with an exposed metallic part on the receiver and an earth such as a water pipe.
3. Use an AC voltmeter, with high impedance type, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 V rms. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the receiver should be repaired and rechecked before it is returned to the customer.

Hot - Check Circuit

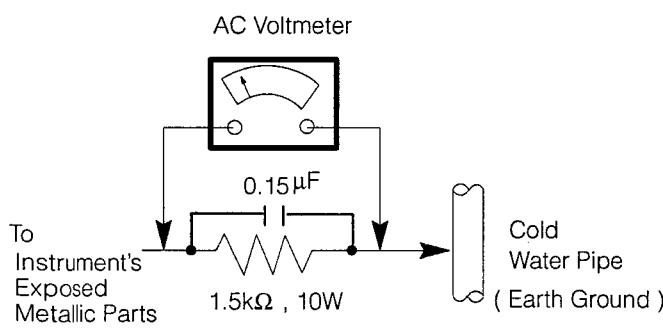


Fig. 1

X-Radiation

Warning :

1. The potential sources of X-Radiation in TV sets are the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 36.0 kV without causing X-Radiation.
3. In case that at least one of the components listed below is replaced, follow adjustment procedure of high voltage circuit to guarantee the normal performance of television equipment.
R1501, R1507, R1508, R1511, R1512, R1513, R1514, R1515, R1517, R1524, L1514, T501 (F.B.T.).

Adjustment procedure of high voltage circuit :

1. Connect E.H.T meter between Anode and CRT earth.
2. Connect a DC meter between TPX6 (+) and TPX5 (-).
3. Turn R1501 fully counterclockwise and set R1512 to center position.
4. Connect a short jumper between TPX2 and TPX3.
5. Adjust Sub Bright control or Sub Contrast control so that E.H.T is $34\text{ kV} \pm 0.1\text{ kV}$.
6. Adjust R1501 to Shut Down operation point.
7. Turn off the TV Set and disconnect a short jumper.
8. After make sure that power indicator LED is off, turn on the TV Set.

Note : It is important to use an accurate periodically calibrated high voltage meter.

Confirmation :

1. Set the brightness to minimum.
2. Set the service switch to the SERVICE position.
3. Measure the High Voltage. The meter reading should indicate $32.0 (+1.5, -1.5)\text{ kV}$. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.
4. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

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Shut Down Circuit Test

This test must be made as a final check before the set is returned to the customer.

1. Operates the TV set.
2. Set Controls :
Screen (on FBT) minimum
Contrast minimum
Color minimum
3. Connect a DC voltmeter to cathode of D555, and confirm that the voltage reading is 27.8 V. (or less than).

4. Supply 27.9 V DC to cathode of D555 and confirm that the shut down circuit does not operate.
5. Supply 29.9 V DC to cathode of D555, and confirm that the shut down circuit operates.
6. If this does not occur, the shut down circuit is not operating. Check R564, R565, R566, R567, R568, R569, R571, R590, C561, C566, C577, D555, D557, D560, Q554, Q555 and related circuits.
When the circuit is repaired, shut down circuit test must be made again.

Location of Controls

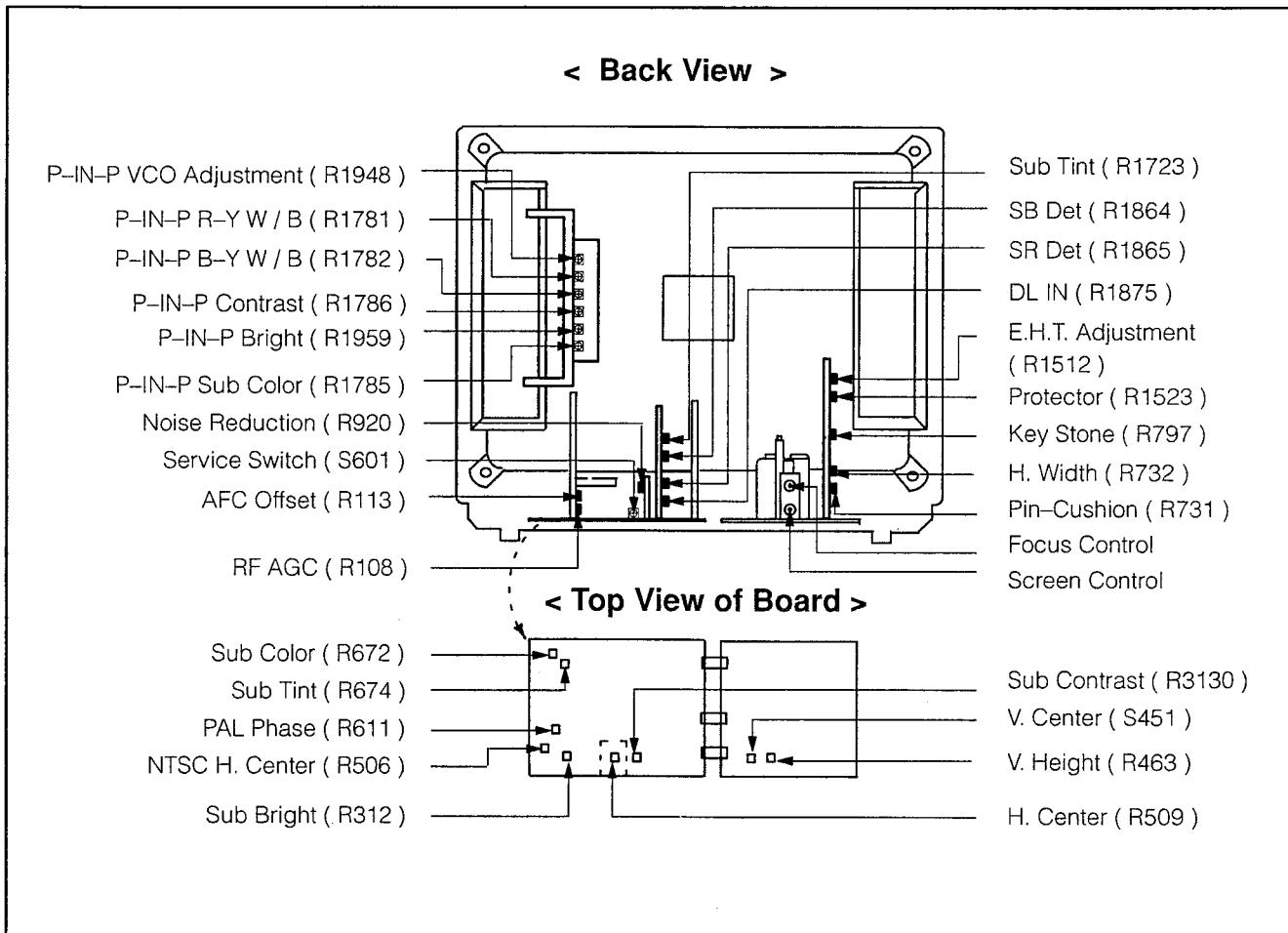


Fig. 2

Service Hints

How to move chassis into service position

1. Remove a screw (A) as shown in **Fig. 3**.
2. Lift up chassis slightly and draw out it toward you as shown in **Fig. 4**.
3. Remove control block from main chassis and stand main chassis **Fig. 5**.

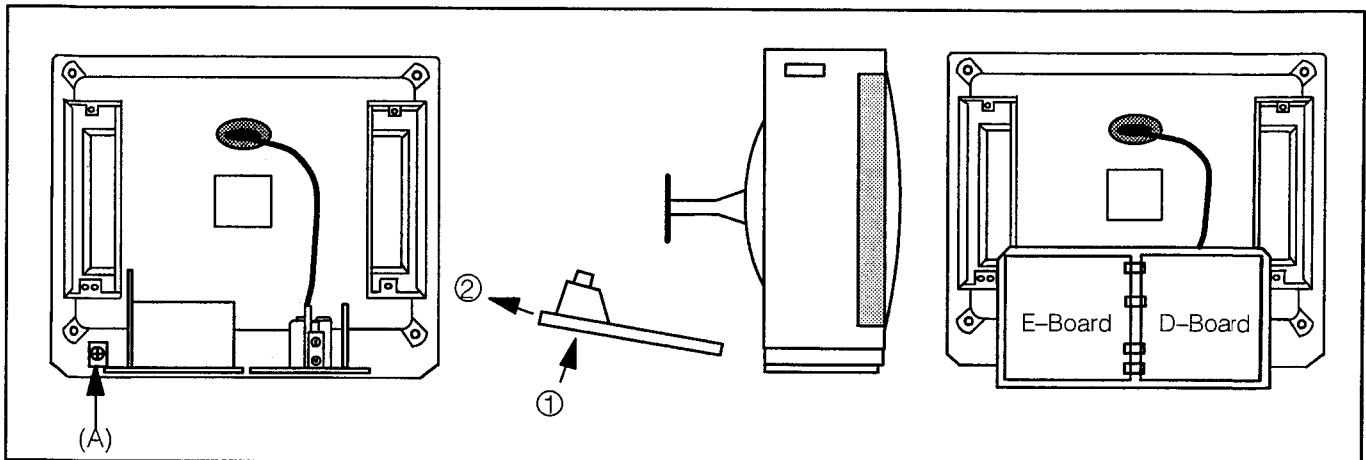


Fig. 3

Fig. 4

Fig. 5

Service Position for B-Board / T-Board / C-Board / H-Board / X-Board

1. Remove the each circuit board from E-Board or D-Board.
2. Connect extention lead wire between individual circuit board and E-Board or D-Board as shown in **Fig. 6**.

Note : Extension lead wires kit is supplied as service jig. (Parts No. TZS709008)

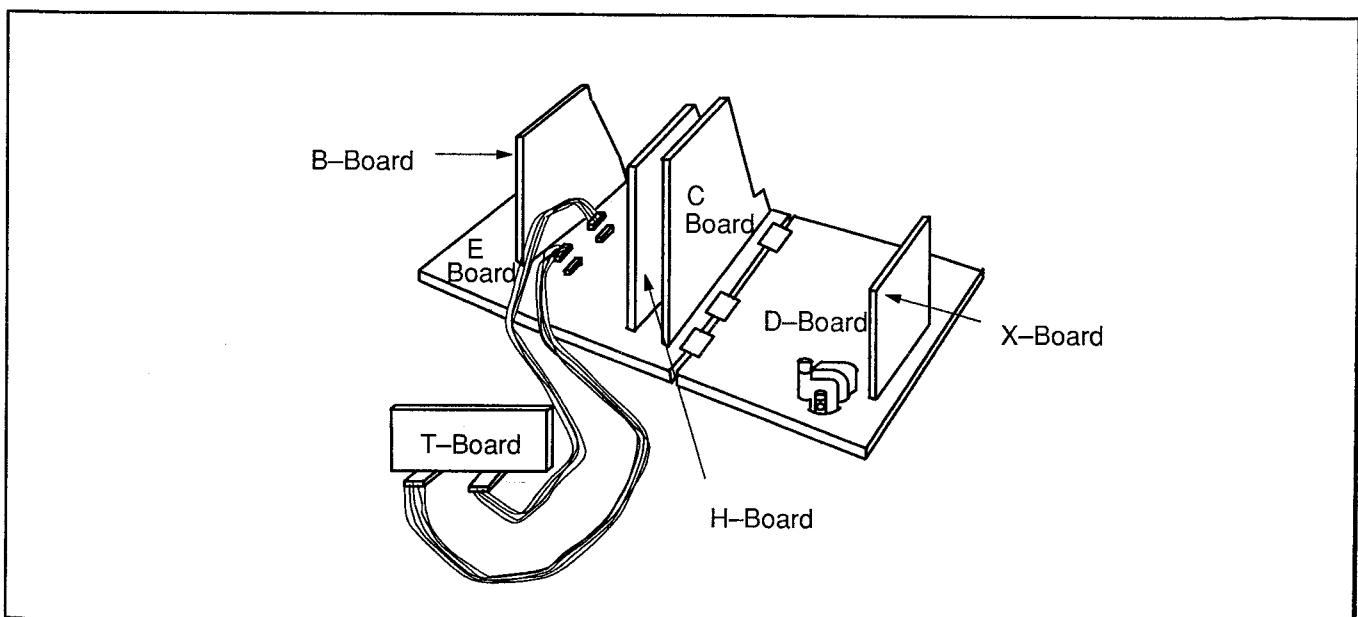


Fig. 6

How to remove G-Board block from control tray block

1. Draw out the main chassis with control tray block from TV set.
2. Remove the control tray block from main chassis.
3. Remove 2 hooks of G-Board block as shown in **Fig. 7**.

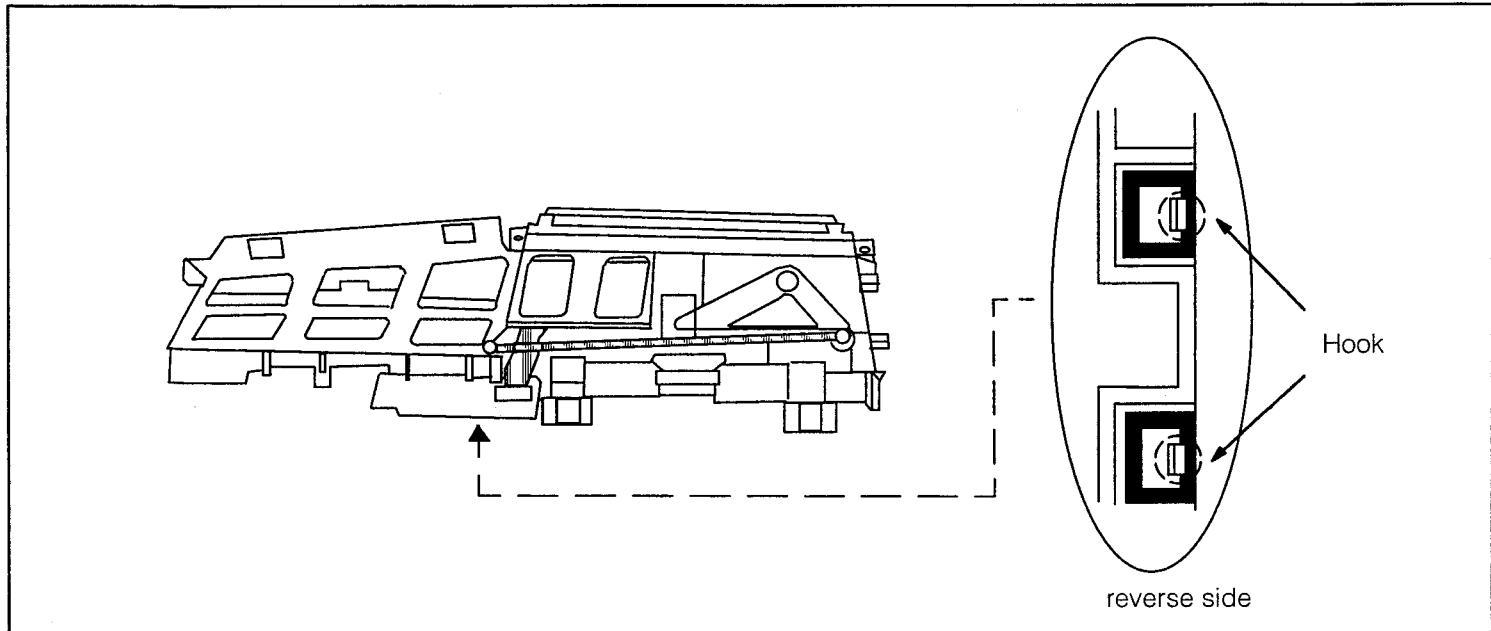


Fig. 7

How to disassemble control tray block

1. Remove 3 hooks of indicator panel (bottom side) as shown in **Fig. 8**.
2. Remove the operation panel from control tray as shown in **Fig. 9**.

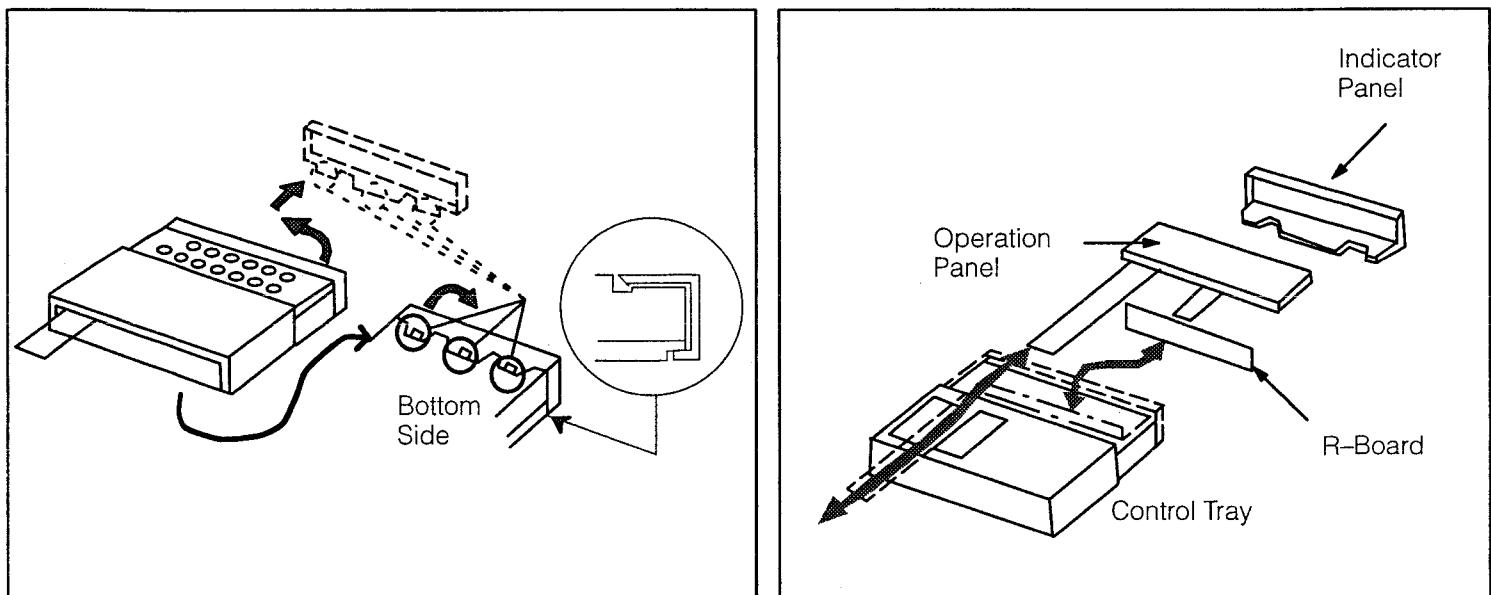
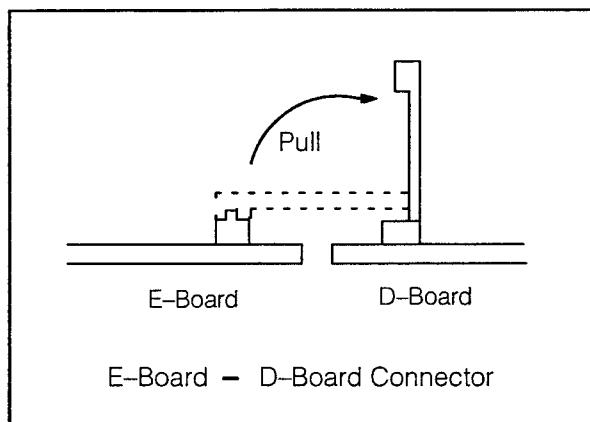


Fig. 8

Fig. 9

How to disconnect E-Board – D-Board connector

1. Disconnect E-Board side of E-Board – D-Board connector as shown in **Fig. 10.**

**Fig. 10****Notice :**

1. This TV set has Automatic Turn-off Function (Noise Timer).
If the TV set is not switched off when the TV station stops transmitting or noise picture condition.
It will automatically go to stand-by condition (except TV set is on AV mode condition) after 30 minutes.

How to cancel the Automatic Turn-off Function

Connect a short jumper between pin (8) of IC1206 and earth.

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2. When replace Memory IC (IC1211)

If replaced Memory IC (IC1211), you must set normal level of picture menu and sound menu according to following steps.

- 1) Touch a resistor (44.2 kΩ) to pin (2) and (4) of connector E-4 on E-Board at one time, as shown in **Fig. 11**.
- 2) Picture will be white pattern.
- 3) Select PICTURE 1 by pushing PICTURE MENU button on remote controller.
- 4) Select CONTRAST from menu pushing by **P** button on remote controller.
- 5) Set CONTRAST level to " 47 " by pushing the " + " button or " - " button and push the **N** button.

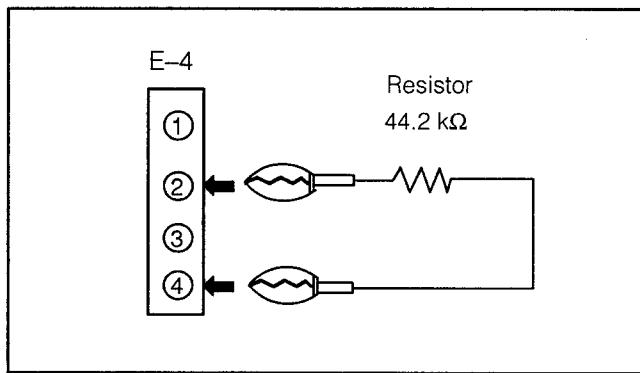


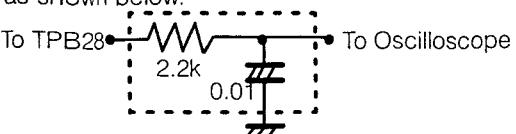
Fig. 11

- 6) Set each functions level of PICTURE 2 and PICTURE 3 to following levels as same procedure of PICTURE 1.

	PICTURE 1	PICTURE 2	PICTURE 3
Color	Fixed	32	27
NTSC-Tint	Fixed	32	32
Bright	Fixed	32	32
Contrast	47	Fixed	27
Sharpness	Fixed	32	22

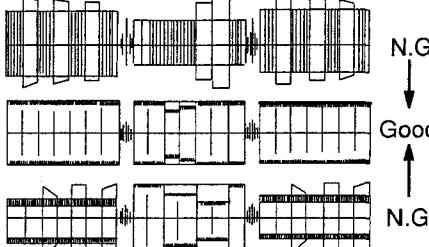
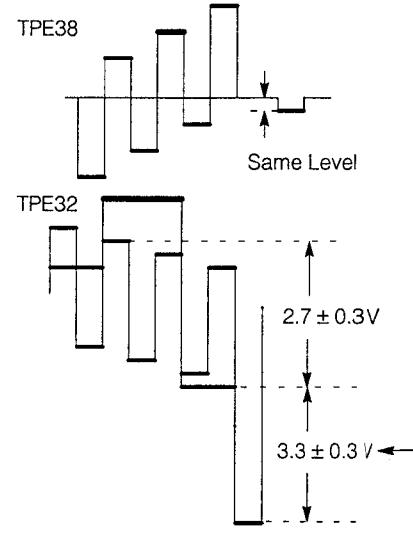
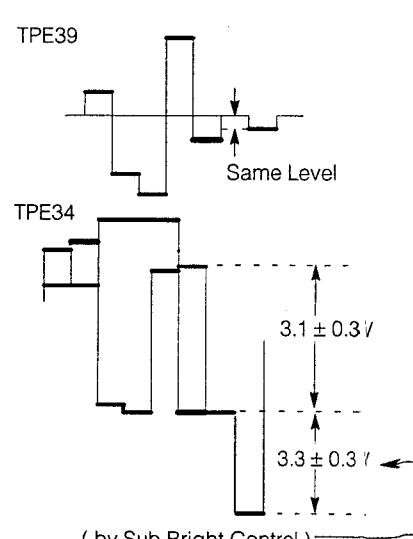
- 7) Select SOUND MENU 2 by pushing SOUND MENU button and select BASS from menu by pushing **S** button.
- 8) Set BASS level to " 46 ", select TREBLE from menu and set TREBLE level " 50 ".
- 9) Push the **N** button, and select SOUND MENU 3 by pushing SOUND MENU button.
- 10) Set each levels of BASS and TREBLE to " 27 " by same as above procedure.
- 11) Push the **N** button.
- 12) Each setting levels are memorised by pushing the " OFF TIMER " button (Located on remote controller) and Volume Button " - " button (Located on front tray of TV set) at same time.
- 13) The on-screen will appear " SELF CHECK " mode.
- 14) SELF CHECK mode is cancelled by pushing any function key and the on-screen change to normal picture.

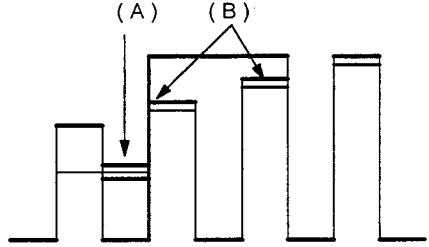
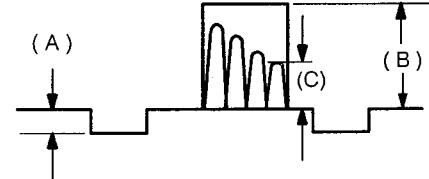
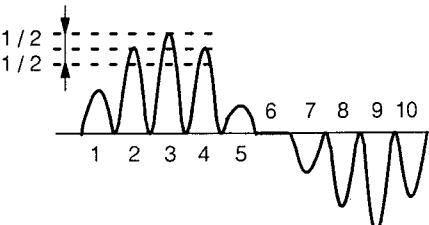
Adjustments

Item / Preparation	Adjustment Procedure								
B Voltage 1. Operate the TV set. 2. Set controls : Bright minimum Sub Bright minlimum	1. Confirm that the indicated test points for the specified voltage: <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">TPD1 : 139.6 ± 2.0 V</td> <td style="width: 50%;">TPD 5 : 5.0 ± 0.5 V</td> </tr> <tr> <td>TPD2 : 15.5 ± 1.0 V</td> <td>TPD 6 : 29.0 ± 2.0 V</td> </tr> <tr> <td>TPD3 : 12.0 ± 1.0 V</td> <td>TPD 9 : 30.0 ± 1.5 V</td> </tr> <tr> <td>TPD4 : 8.5 ± 0.5 V</td> <td>TPD10: 220.0 ± 10.0 V</td> </tr> </table>	TPD1 : 139.6 ± 2.0 V	TPD 5 : 5.0 ± 0.5 V	TPD2 : 15.5 ± 1.0 V	TPD 6 : 29.0 ± 2.0 V	TPD3 : 12.0 ± 1.0 V	TPD 9 : 30.0 ± 1.5 V	TPD4 : 8.5 ± 0.5 V	TPD10: 220.0 ± 10.0 V
TPD1 : 139.6 ± 2.0 V	TPD 5 : 5.0 ± 0.5 V								
TPD2 : 15.5 ± 1.0 V	TPD 6 : 29.0 ± 2.0 V								
TPD3 : 12.0 ± 1.0 V	TPD 9 : 30.0 ± 1.5 V								
TPD4 : 8.5 ± 0.5 V	TPD10: 220.0 ± 10.0 V								
RF AGC 1. Receive a colour bar pattern. 2. Set the input level to 63 ± 2 dB. (75Ω opened) 3. Connect an oscilloscope to TPB12 with DC mode.	1. Turn RF AGC control (R108) fully clockwise. 2. Slowly turn R108 counterclockwise to set it at the point just before voltage at TPB12 drops. 3. Increase the input level by 2 dB and confirm that the voltage changes.								
High Voltage 1. Receive a crosshatch pattern. 2. Set controls : Bright minimum Contrast minimum Sub Bright minimum	1. Connect a DC voltage meter to TPD1 and confirm the voltage is 139.6 ± 2 V. 2. Connect a high voltage meter (Electrostatic Type) to an anode of the picture tube. 3. Confirm that the high voltage is within a range of $32.0 (+ 1.5, -15)$ kV.								
Noise Detect 1. Operate the TV set. and confirm the B voltage. 2. Connect a frequency counter to TPT5.	1. Adjust R920 Reading of the counter : 15.675 KHz ± 150 Hz								
Stereo Separation 1. Connect a multiplex sound signal generator to TPB21. (L channel only, stereo, 300Hz, 30% mod) Note : Setting for modulation , turn off the pilot signal and N.R. switch , then turn on these switches. 2. Set separation control (R2213) to center. 3. Connect an oscilloscope to TPB10.	1. Adjust L-R level control (R2209) to minimum amplitude of waveform. 2. Chang the signal modulation into 3KHz , 30% mod. 3. Adjust Separation control (R2213) to minimum amplitude of waveform.								
Composite Input Level 1. Receive a monaural signal with 400 Hz , 100% modulation. 2. Connect an oscilloscope to TPB28 through filter jig as shown below. 	1. Adjust Input level control (R2255) Reading of oscilloscope : 700 mVp-p ± 20 mVp-p.								

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Item / Preparation	Adjustment Procedure	Waveform
Sub Contrast <ol style="list-style-type: none"> 1. Receive a color bar pattern. 2. Connect an oscilloscope to TPE32. 3. Connect a short jumper between TPD11 and TPD12. 4. Select the " PICTURE 1 " (Standard) by picture menu button and push Normal button. 	<ol style="list-style-type: none"> 1. Adjust Sub Bright Control : $3.5 \pm 0.2 \text{ V}$ 2. Adjust Sub Contrast control (R3130) : $3.2 \pm 0.1 \text{ V}$ (Waveform should not be saturated.) 	<p style="text-align: center;">Fig. 12</p>
Delay Line <ol style="list-style-type: none"> 1. Receive PAL color bar pattern. 2. Connect an oscilloscope to TPE32. 3. Select the " PICTURE 1 " (Standard) by picture menu button and push Normal button. 	<ol style="list-style-type: none"> 1. Adjust the position (A) shown in Fig. 13 to zero level by R611. 2. Minimize the difference (B) shown in Fig. 13 by L601. 	<p style="text-align: center;">Fig. 13</p>
PAL Color Output <ol style="list-style-type: none"> 1. Receive PAL color bar pattern. 2. Connect an oscilloscope to TPE32. 3. Connect a short jumper between TPD11 and TPD12. 4. Select the " PICTURE 1 " (Standard) by picture menu button and push Normal button. 	<ol style="list-style-type: none"> 1. Adjust Sub Bright Control : $3.5 \pm 0.2 \text{ V}$ 2. Adjust Sub Color control (R672) : $2.7 \pm 0.2 \text{ V}$ 3. Connect the oscilloscope to TPE34. 4. Confirm that the amplitude of waveform $3.1 \pm 0.5 \text{ V}$ 	<p style="text-align: center;">Fig. 14</p>
NTSC / Modified NTSC Color Adjustment <ol style="list-style-type: none"> 1. Apply NTSC rainbow pattern. 2. Connect an oscilloscope to TPE34. 3. Connect a short jumper between TPD11 and TPD12. 4. Select the " PICTURE 1 " (Standard) by picture menu button and push Normal button. 	<ol style="list-style-type: none"> 1. Confirm that the amplitude of waveform $1.5 \pm 0.5 \text{ V o-p}$ 2. Set Color control to maximum and confirm that the color level is saturated enough. 3. Set Tint control (DAC) to centre and adjust Sub Tint control (R674) to obtain waveform at TPE34 as shown in Fig. 15. 4. Set Tint control to maximum and confirm that the variable range is more than 15°. 5. Set Tint control to minimum and confirm that the variable range is more than 15°. 	<p style="text-align: center;">Fig. 15</p>

Item / Preparation	Adjustment Procedure	Waveform
Bell Filter / Line Discriminator <p>1. Receive SECAM color bar pattern. 2. Connect an oscilloscope to TPE36 through $10\text{ k}\Omega$ resistor. 3. Set the System II switch to 5.5 MHz. 4. Push the Normal button for normal condition.</p>	<p>1. Adjust L653 to obtain waveform as shown in Fig. 16. 2. Connect a DC voltmeter to TPE35. 3. Adjust L652 to obtain voltage at TPE35 for maximum. 4. Make sure the voltage is more than 7V. 5. Confirm that the color output is normal.</p>	 <p style="text-align: center;">Fig. 16</p>
SECAM Demodulator / Color Output – Blue <p>1. Receive SECAM color bar pattern. 2. Set the System I switch to SECAM. 3. Set the System II switch to 5.5 MHz. 4. Select PICTURE 1 (Standard) from picture menu and push the Normal button. 5. Connect an oscilloscope to TPE32 and TPE38.</p>	<p>1. Adjust L650 to obtain waveform at TPE38 as shown in Fig. 17. 2. Connect the oscilloscope to TPE32. 3. Adjust SECAM B-Color Gain control (R651) : $2.7 \pm 0.3\text{ V}$ 4. Connect the oscilloscope to TPE38. 5. Confirm that the waveform is as shown in Fig. 17.</p>	 <p style="text-align: center;">Fig. 17</p>
SECAM Demodulator / Color Output – Red <p>Note : Before making this adjustment, " SECAM Demodulator / Color Output- Blue " adjustment must be finished.</p> <p>1. Receive SECAM color bar pattern. 2. Push the Normal button for normal condition. 3. Connect an oscilloscope to TPE34 and TPE39.</p>	<p>1. Adjust L651 to obtain waveform at TPE39 as shown in Fig. 18. 2. Connect the oscilloscope to TPE34. 3. Adjust SECAM R-Color Gain control (R652) : $3.1 \pm 0.3\text{ V}$ 4. Connect the oscilloscope to TPE39. 5. Confirm that the waveform is as shown in Fig. 18.</p>	 <p style="text-align: center;">Fig. 18</p>

Item / Preparation	Adjustment Procedure	Waveform
Delay Line (Sub Picture)	<ol style="list-style-type: none"> 1. Receive PAL color bar pattern on Sub Picture. 2. Connect an oscilloscope to TPH3. 	<p>1. Adjust the position (A) shown in Fig. 19 to zero level by R1875.</p> <p>2. Minimize the difference (B) shown in Fig. 19 by L1807.</p> 
PAL Color (Sub Picture)	<ol style="list-style-type: none"> 1. Receive PAL color bar pattern on Sub Picture. 2. Connect an oscilloscope to TPZ2. 	<p>1. Adjust the position (A) shown in Fig. 20 to 0.1 ± 0.05 V by R1959.</p> <p>2. Adjust the position (B) shown in Fig. 20 to 1.6 ± 0.05 V by R1786.</p> <p>3. Adjust the position (C) shown in Fig. 20 to 1.0 ± 0.05 V by R1785.</p> 
NTSC / Modified NTSC Sub Tint Adjustment (Sub Picture)	<ol style="list-style-type: none"> 1. Apply NTSC rainbow pattern on Sub Picture. 2. Connect an oscilloscope to TPH4. 	<p>1. Set Color control to maximum and confirm that the color level is saturated enough.</p> <p>2. Set Tint control (DAC) to centre and adjust Sub Tint control (R1723) to obtain waveform at TPH4 as shown in Fig. 21.</p> <p>3. Set Tint control to maximum and confirm that the variable range is more than 15°.</p> <p>4. Set Tint control to minimum and confirm that the variable range is more than 15°.</p> 

Item / Preparation	Adjustment Procedure	Waveform
Bell Filter / Line Discriminator (Sub Picture) <p>1. Receive SECAM color bar pattern on Sub Picture.</p> <p>2. Connect an oscilloscope to TPH1 through 10 kΩ resistor.</p>	<p>1. Adjust L1810 to obtain waveform as shown in Fig. 22.</p> <p>2. Connect a DC voltmeter to TPH12.</p> <p>3. Adjust L1809 to obtain voltage at TPH2 for maximum.</p> <p>4. Make sure the voltage is more than 7V.</p> <p>5. Confirm that the color output is normal.</p>	<p style="text-align: center;">Fig. 22</p>
SECAM Demodulator / Color Output – Blue (Sub Picture) <p>1. Receive SECAM color bar pattern on Sub Picture.</p> <p>2. Set the System I switch to SECAM.</p> <p>3. Set the System II switch to 5.5 MHz.</p> <p>4. Select PICTURE 1 (Standard) from picture menu and push the Normal button.</p> <p>5. Connect an oscilloscope to TPH3.</p>	<p>1. Adjust L1806 to obtain waveform at TPH3 as shown in Fig. 23.</p> <p>2. Adjust SECAM B-Color Gain control (R1864) : 0.5 ± 0.05 V</p>	<p style="text-align: center;">Fig. 23</p>
SECAM Demodulator / Color Output – Red (Sub Picture) <p>Note :</p> <p>Before making this adjustment, " SECAM Demodulator / Color Output- Blue " adjustment must be finished.</p> <p>1. Receive SECAM color bar pattern on Sub Picture.</p> <p>2. Push the Normal button for normal condition.</p> <p>3. Connect an oscilloscope to TPH4.</p>	<p>1. Adjust L1807 to obtain waveform at TPH4 as shown in Fig. 24.</p> <p>2. Adjust SECAM R-Color Gain control (R1865) : 0.6 ± 0.05 Vo-p</p>	<p style="text-align: center;">Fig. 24</p>

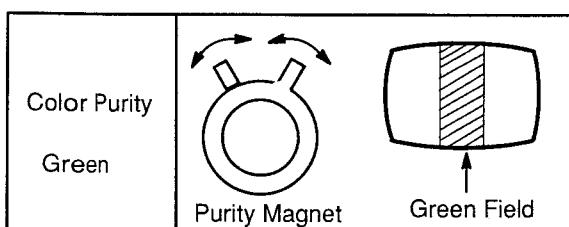
Before Color Purity, Convergence and White Balance adjustments are attempted, V. Hold, V. Height, H. Hold, H. Centre and Focus adjustments must be completed.

Color Purity

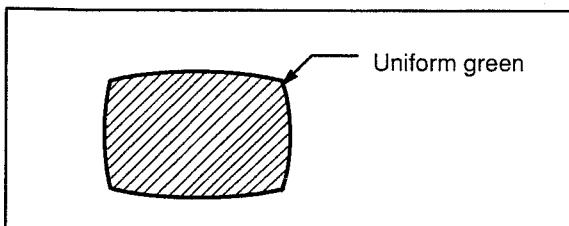
- Set Bright and Contrast controls to their maximum positions.
- Operate the TV set over 15 minutes.
- Fully degauss the picture tube by using an external degaussing coil.
- Apply a crosshatch pattern signal and adjust roughly the static convergence magnets.
- Receive a black and white signal.
- Set Low Light controls as following :

Red (R354) minimum
 Green (R356) maximum
 Blue (R355) minimum

- Loosen a clamp screw for the deflection yoke and move the deflection yoke as close to the purity magnet as possible.
- Adjust the purity magnet so that a vertical green field is obtained at centre of the screen.



- Slowly push the deflection yoke and set it where a uniform green field is obtained.

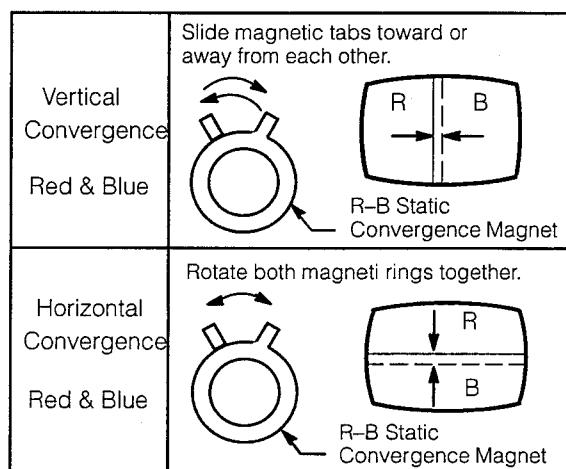


- Adjust roughly the Low Light controls and make sure that a uniform white field is obtained.

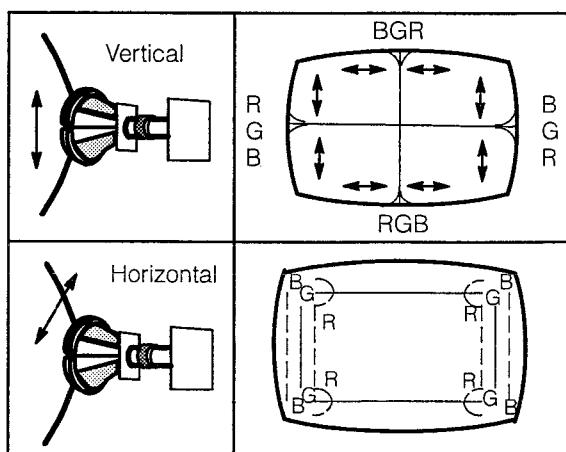
- Tighten the clamp screw.

Convergence

- Apply a crosshatch pattern signal and set Contrast control to the maximum position.
- Adjust Bright control to obtain a clear pattern.
- Adjust Red and Blue line at centre of the screen by rotating R-B static convergence magnet.



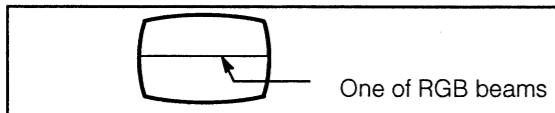
- Adjust Red and Blue with Green line at centre of the screen by rotating (RB) - G static convergence magnet.
- Lock convergence magnets with silicone sealer.
- Remove the DY wedges and slightly tilt the deflection yoke vertically and horizontally to obtain the good overall convergence.



- Fix the deflection yoke by reinserting the DY wedges. (See Fig. 26)
- If purity error is found, repeat "Color Purity" adjustment.

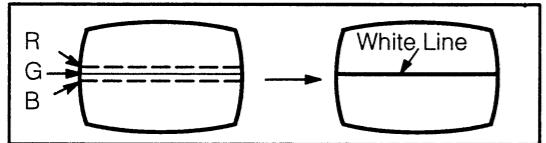
White Balance

1. Receive a black and white signal and operate the set more than 15 minutes.
2. Set controls as following :
 - Contrast maximum
 - Color minimum
 - Screen (on FBT) minimum
 - R-Drive (R360) centre
 - B-Drive (R361) centre
 - R-Low Light (R354), G-Low Light (R356) and B-Low Light (R355) controls turn 45° clockwise from their fully counterclockwise positions on the foil side.
3. Set the service switch to the SERVICE position.
4. Connect an oscilloscope to TPY7 with DC mode.
5. Adjust Sub Bright controls so that DC voltage on the oscilloscope becomes 190 V.
6. Slowly turn the screen control clockwise to the point where one of R, G, B beams just appears on the picture tube.



One of RGB beams

7. Leave the low light control of the color which appeared at the step 6 as it is, and turn the remained low light controls clockwise, from the setting position at the step 2, so as to get a white horizontal line on the picture tube.



8. Reset the service switch to the NORMAL position.
9. Confirm the white balance according to following flow chart.

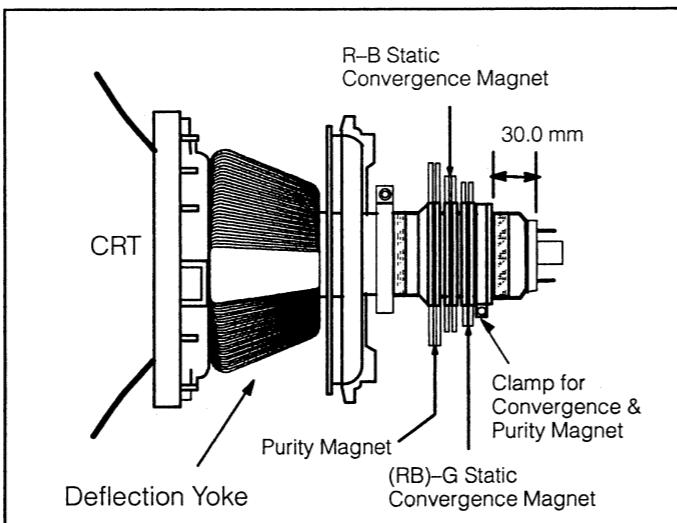
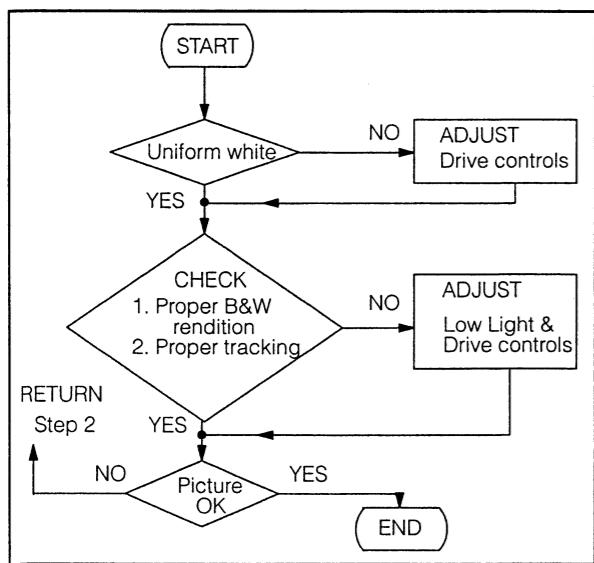


Fig. 25

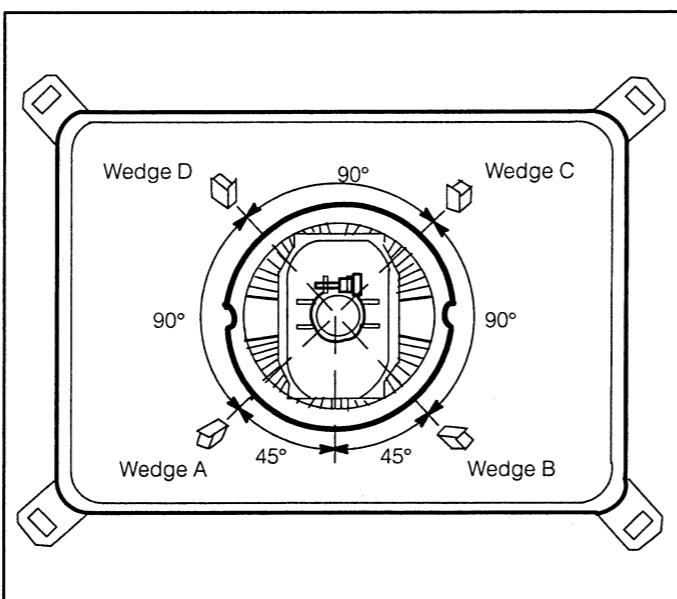


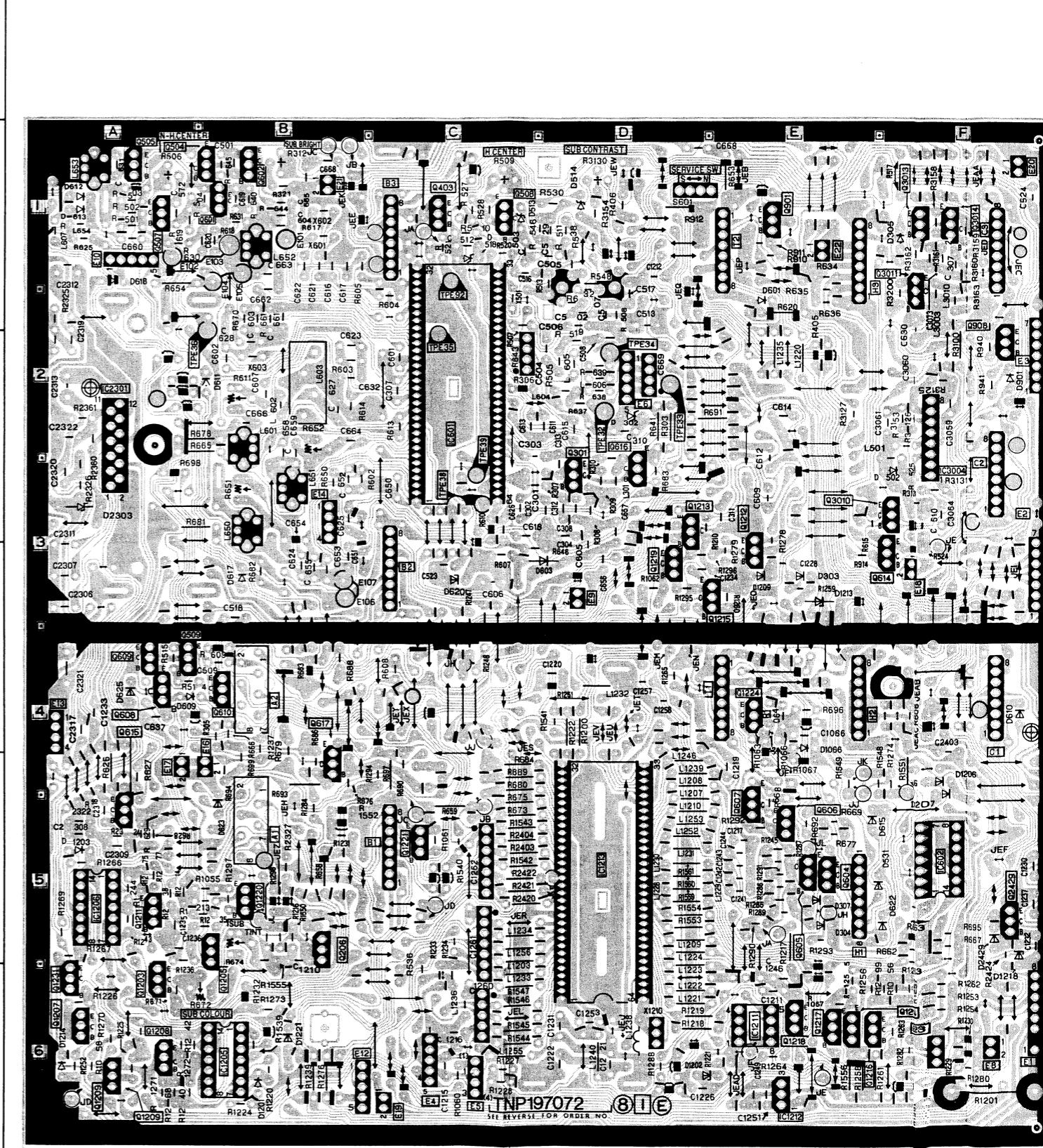
Fig. 26

Notes :

1. Wedge A shown in Fig. 26 should be fixed within a range of 45° to the left of the vertical line as shown.
2. After inserting wedge A, insert wedges B, C and D. The wedges should be set 90° apart from each other.
3. Be certain that the four wedges are firmly fixed and the Deflection Yoke is tightly clamped in place. Otherwise the Deflection Yoke may shift its position and cause a loss of convergence and purity.

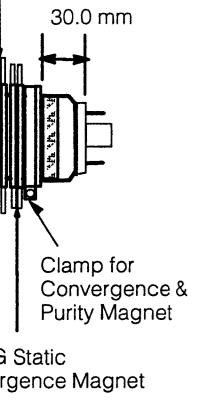
CONDUCTOR VIEWS

E-BOARD TNP197072AM

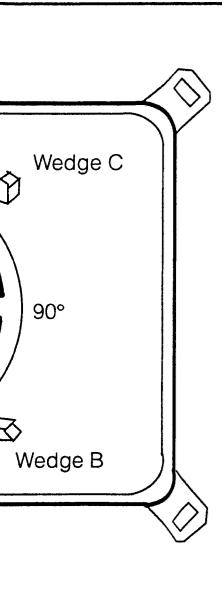


CONDUCTOR VIEWS

E-BOARD TNP197072AM



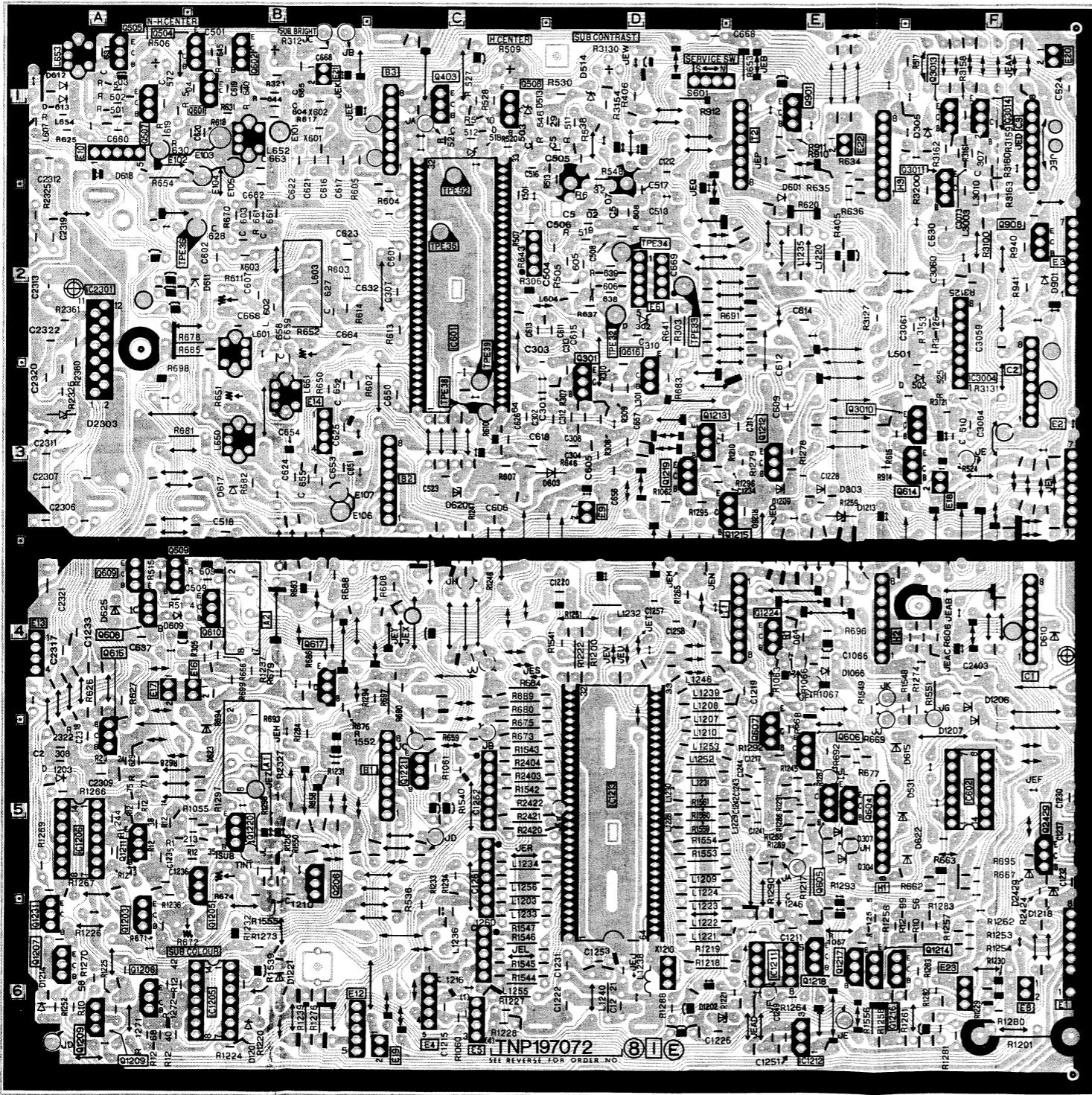
G Static
Urgence Magnet



d be fixed within a
cal line as shown.

edges B, C and D.
start from each other.

e firmly fixed and the
in place.
shift its position and
purity.



PARTS LOCATION

E-BOARD	
IC	
IC601	C-4
IC602	E-2
IC1205	B-1
IC1206	A-2
IC1211	D-1
IC1212	D-1
IC1213	C-2
IC2301	A-4
IC3004	E-4
TRANSISTOR	
Q206	B-2
Q301	C-4
Q403	C-5
Q504	A-5
Q505	A-5
Q507	A-5
Q508	C-5
Q509	A-3
Q601	A-5
Q602	B-5
Q604	D-2
Q605	D-2
Q606	D-2
Q607	D-2
Q608	A-3
Q609	A-3
Q610	B-3
Q614	E-3
Q615	A-3
Q616	C-4
Q617	B-3
Q901	D-5
Q908	E-4
Q1203	A-1
Q1205	B-1
Q1207	A-1
Q1208	A-1
Q1209	A-1
Q1211	A-2
Q1212	D-4
Q1213	D-4
Q1214	E-1
Q1215	D-3
Q1216	E-1
Q1217	D-1
Q1218	D-1
Q1219	D-3
Q1220	B-2
Q1221	B-2
Q1231	A-1
Q3010	D-4
Q3011	E-5
Q3013	E-5
Q3014	E-5

Y-BOARD TNP107812AK

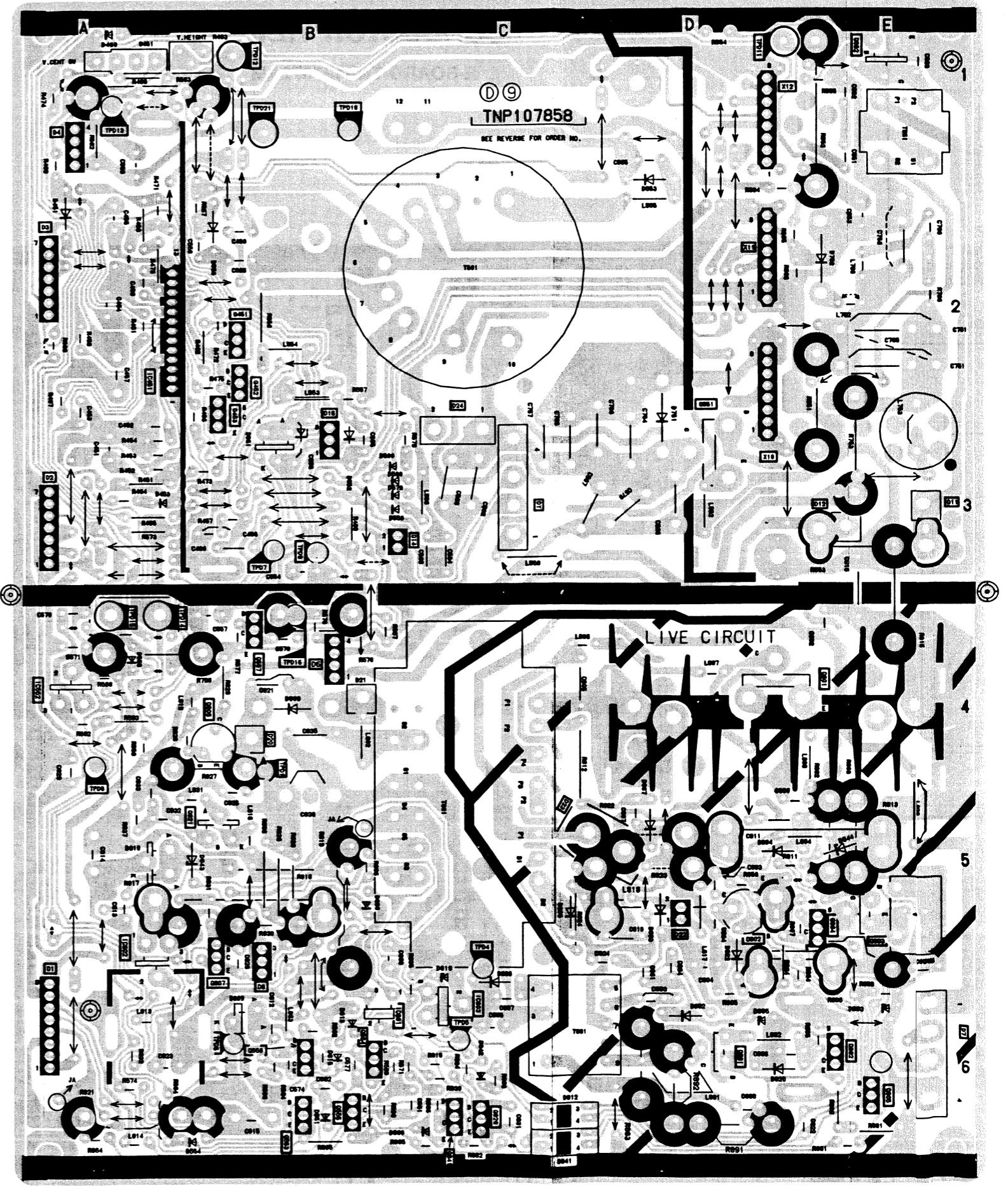
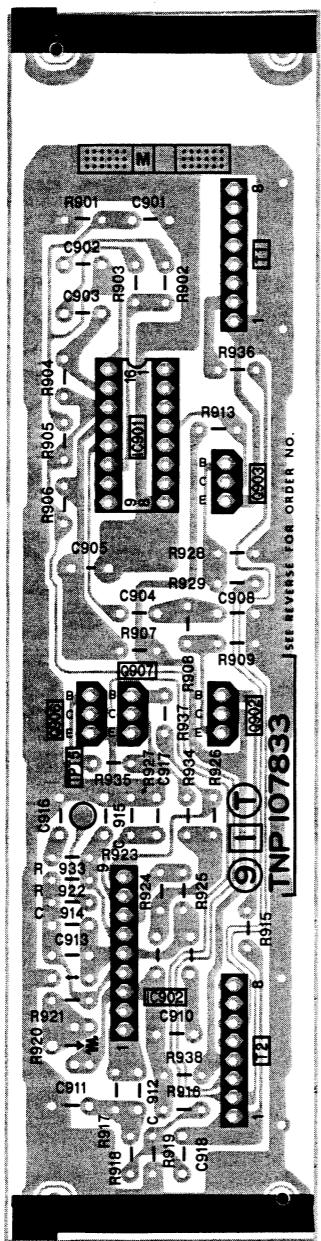
TC-33V2PX

TC-33V2PX

TC-33V2PX

D-BOARD TNP107858AK

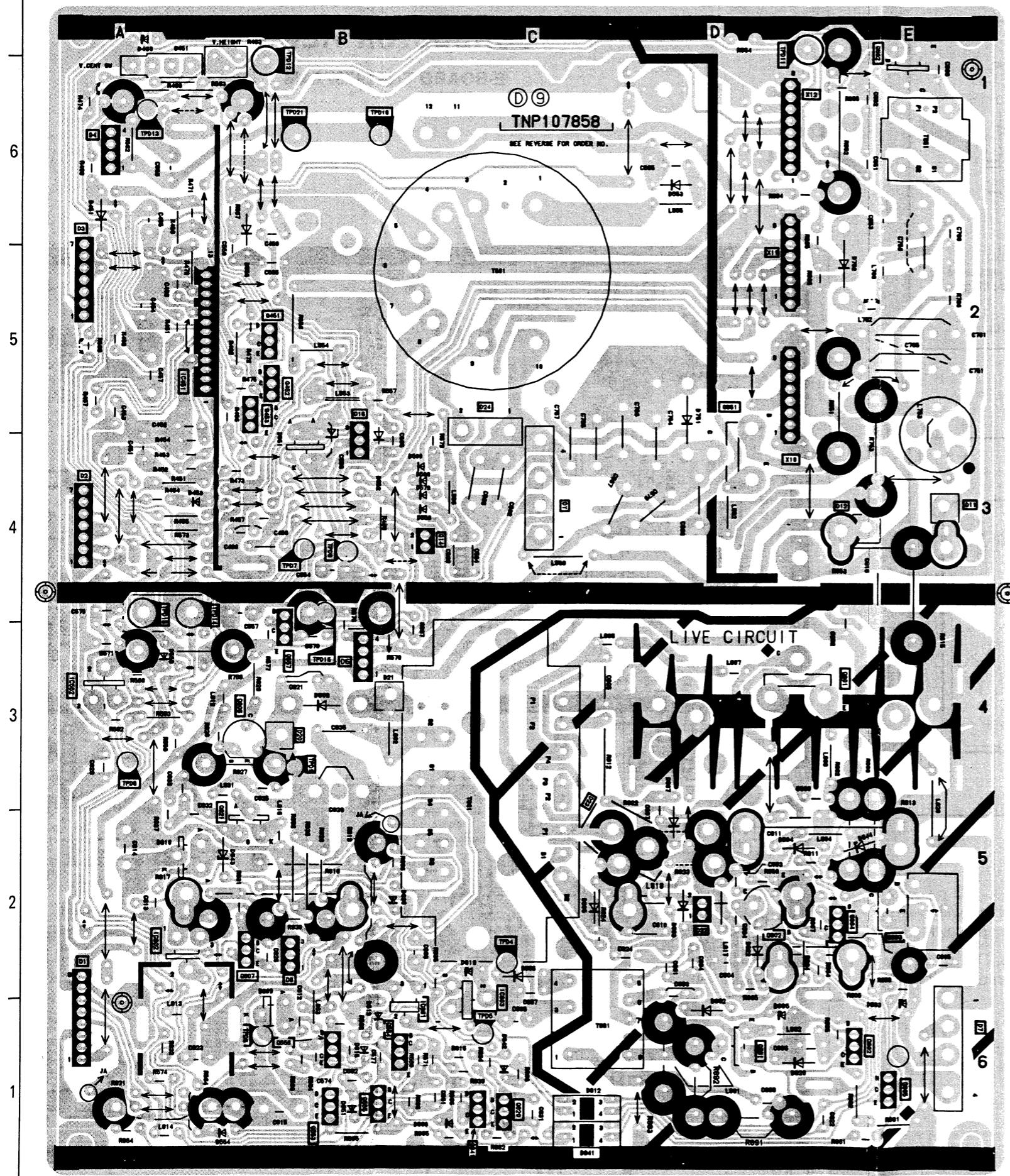
T-BOARD TNP107833AD



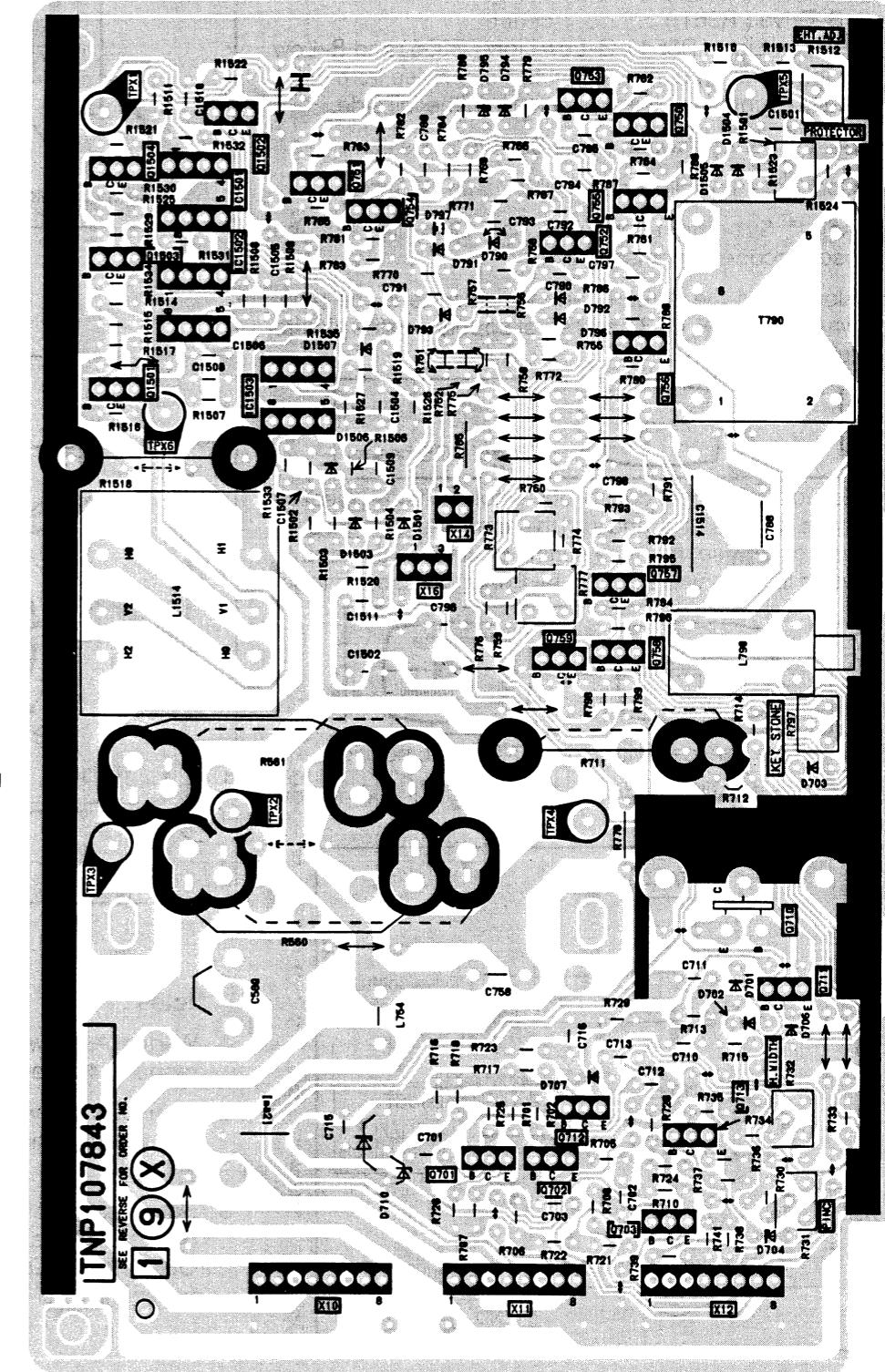
D-BOARD TNP107858AK

TC-33V2PX

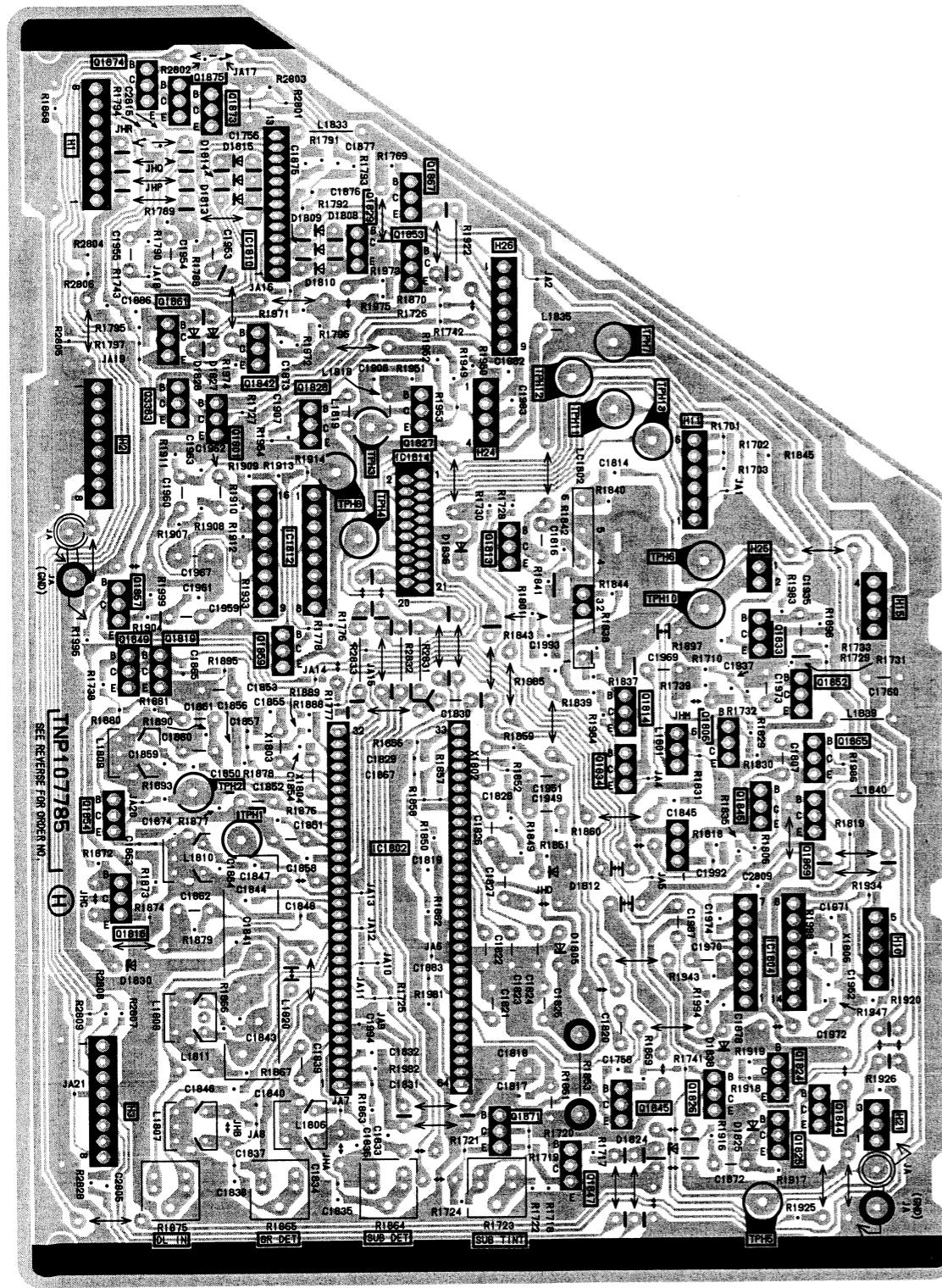
TC-33V2PX



X-BOARD TNP107843AB



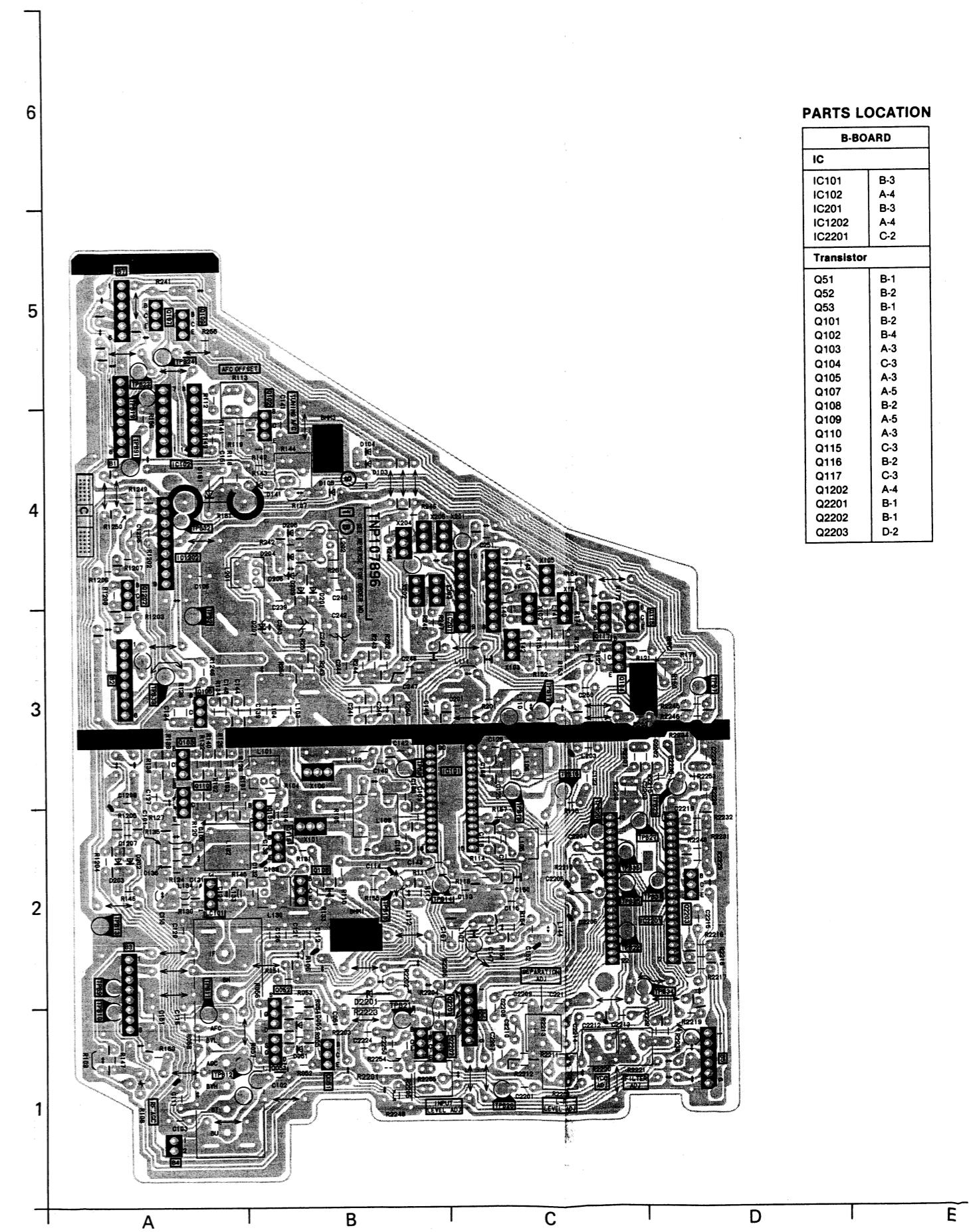
H-BOARD TNP107785



PARTS LOCATION

H-BOARD	
IC	
IC1802	B-2
IC1804	D-2
IC1810	B-5
IC1812	B-3
IC1814	B-4
TRANSISTOR	
Q1806	C-3
Q1813	B-3
Q1814	C-3
Q1816	A-2
Q1819	A-3
Q1824	D-1
Q1825	D-1
Q1826	C-1
Q1827	B-4
Q1828	B-4
Q1829	B-5
Q1833	D-3
Q1834	C-3
Q1842	B-4
Q1844	D-1
Q1845	C-1
Q1846	C-2
Q1847	C-1
Q1849	A-3
Q1852	D-3
Q1853	B-5
Q1854	A-2
Q1857	A-3
Q1859	B-3
Q1861	A-4
Q1865	D-3
Q1867	B-5
Q1869	D-2
Q1871	C-1
Q1873	A-5
Q1874	A-5
Q1875	A-5
Q3383	A-4

B-BOARD TNP107896

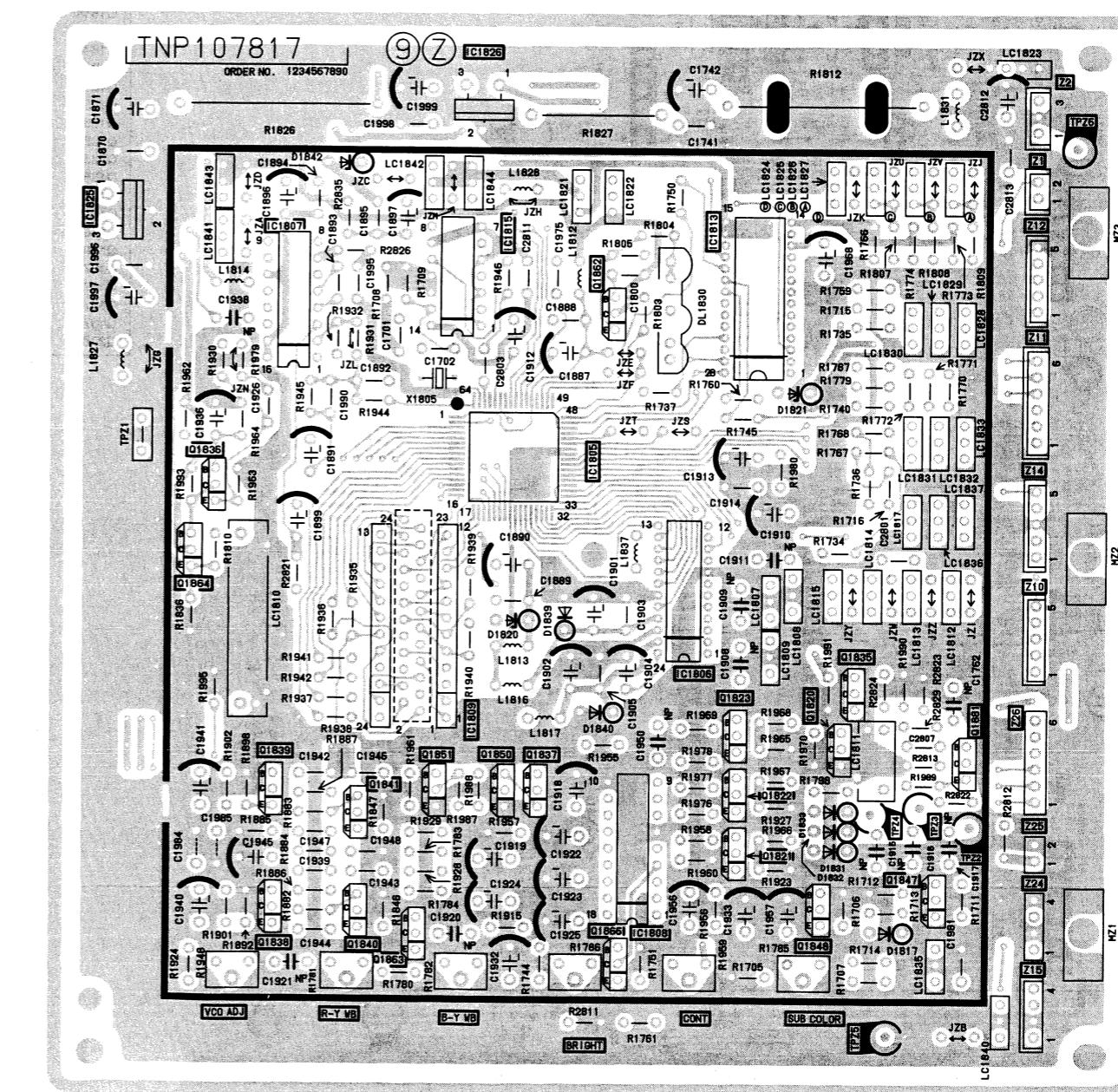
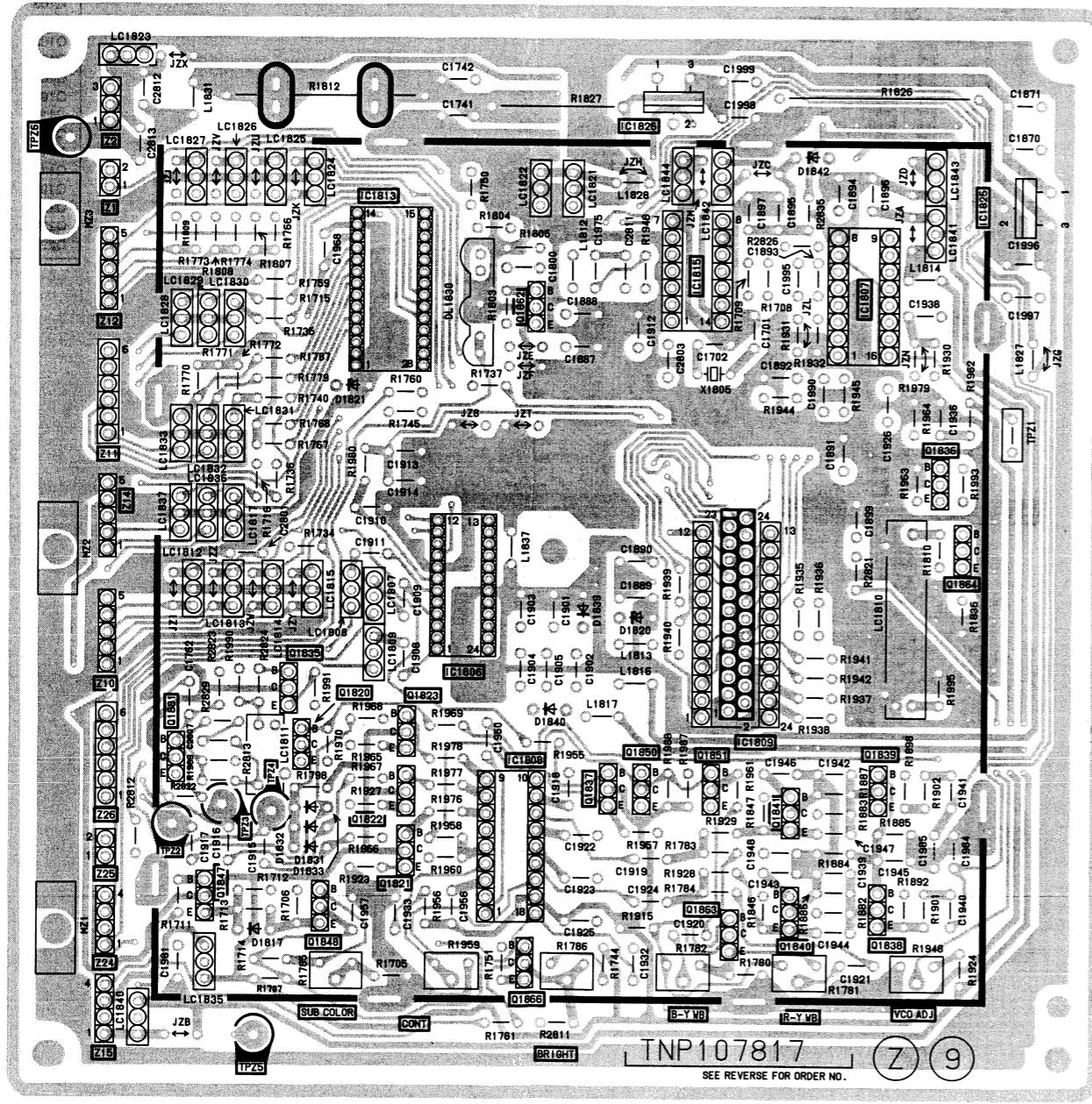


TC-33V2PX**TC-33V2PX**

Z-BOARD TNP107817 (FOIL SIDE)

Z-BOARD TNP107817 (COMPONENT SIDE)

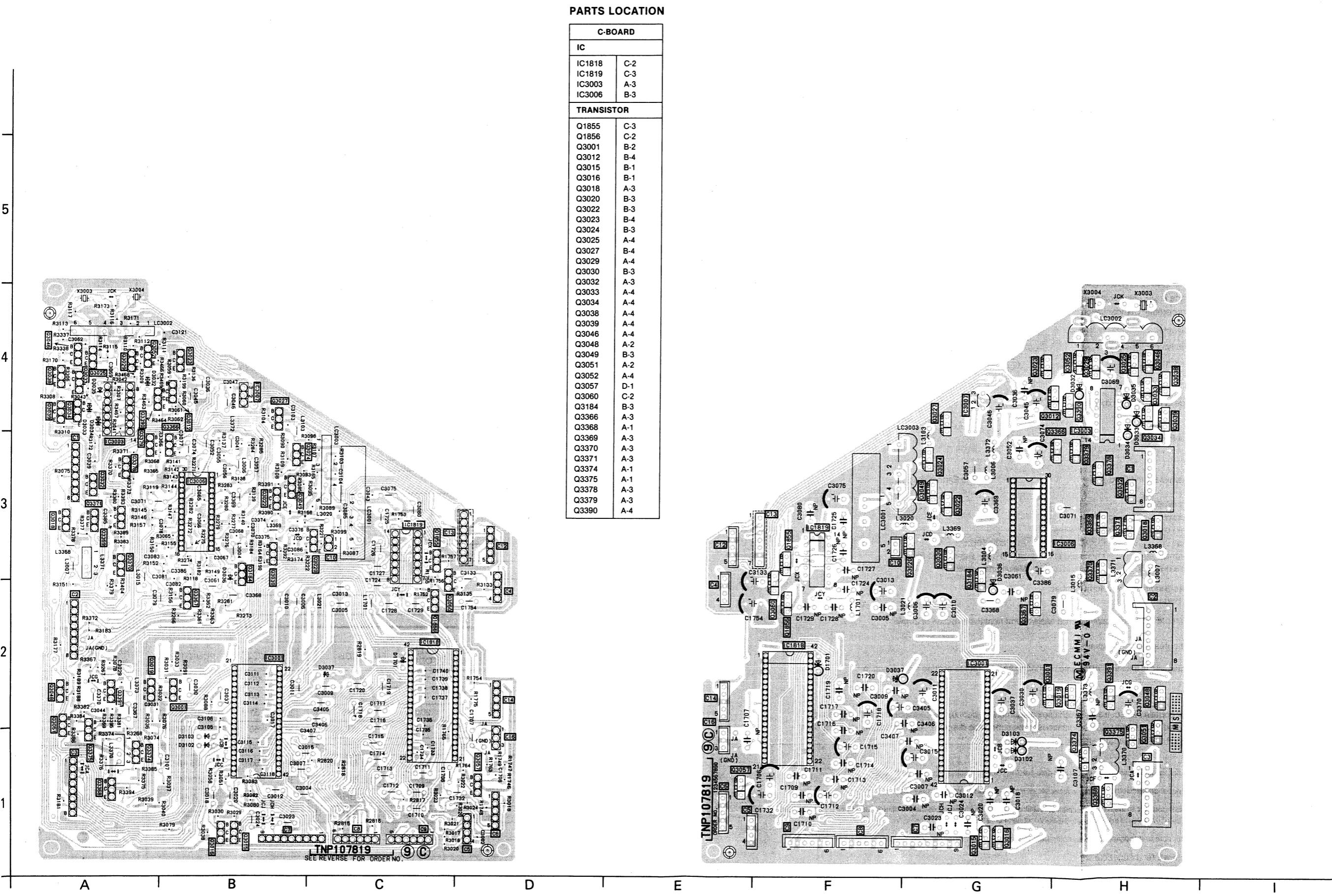
Z-BOARD		
IC	Q1835 B-2 Q1836 D-3 Q1837 C-2 Q1838 D-1 Q1839 D-2 Q1840 D-1 Q1841 C-2 Q1847 A-1 Q1848 B-1 Q1850 C-2 Q1851 C-2 Q1862 B-4 Q1863 C-1 Q1864 D-2 Q1866 B-1 Q1881 A-2	B-2 D-3 C-2 D-1 D-2 D-1 C-2 A-1 B-1 C-2 C-2 B-4 C-1 D-2 B-1 A-2
TRANSISTOR	Q1820 B-2 Q1821 B-1 Q1822 B-2 Q1823 B-2	B-2 B-1 B-2 B-2



A B C D E F G H I J

C-BOARD TNP107819 (FOIL SIDE)

C-BOARD TNP107819 (COMPONENT SIDE)



TC-33V2PX

TC-33V2PX

Schematic Diagram for model TC-33V2PX (NMX-M16MC Chassis)

Important Safety Notice

The shaded area on this schematic diagram incorporates special features for protection from X- radiation, fire and electrical shock hazards. When servicing, it is essential that only manufacturer's specified parts be used for the critical components in the shaded areas of the schematic.

Components identified by \triangle mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Notes :

4. Resistor

All resistors are carbon 1/4W resistor, unless marked as follows :
Unit of resistance is OHM [Ω] (K=1,000 , M=1,000,000).

\bigcirc	: Nonflammable	\boxtimes	: Metal Oxide
\triangle	: Solid	\odot	: Metal Film
\blacksquare	: Wire Wound	\otimes	: Fuse

5. Capacitor

All capacitors are ceramic 50V capacitor, unless marked as follows :
Unit of capacitance is μF , unless otherwise noted.

\otimes	: Temperature Compensation	+H-	: Electrolytic
(M)	: Polyester	NP	: Bipolar
(m)	: Metallized Polyester	(T)	: Dipped Tantalum
\boxtimes	: Polypropylene	(Z)	: Z-Type

6. Coil

Unit of inductance is μH , unless otherwise noted.

7. Test Point

\bigcirc : Test Point position

8. Earth Symbol

--- : Chassis Earth (Cold)

\perp : Line Earth (Hot)

9. Voltage Measurement

Voltage is measured by a DC voltmeter.

Conditions of the measurement are the following :

- Power Source AC 220V, 50Hz
- Receiving Signal Studio Color Bar signal (RF)
- All customer's controls Maximum positions

10. Number in red circle indicates waveform number.

(See waveform pattern table.)

11. When arrow mark (\nearrow) is found, connection is easily found from the direction of arrow.

12. \rightarrow : Indicates the major signal flow.

13. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks :

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection. The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions. All circuits, except the Power Circuit, are cold.

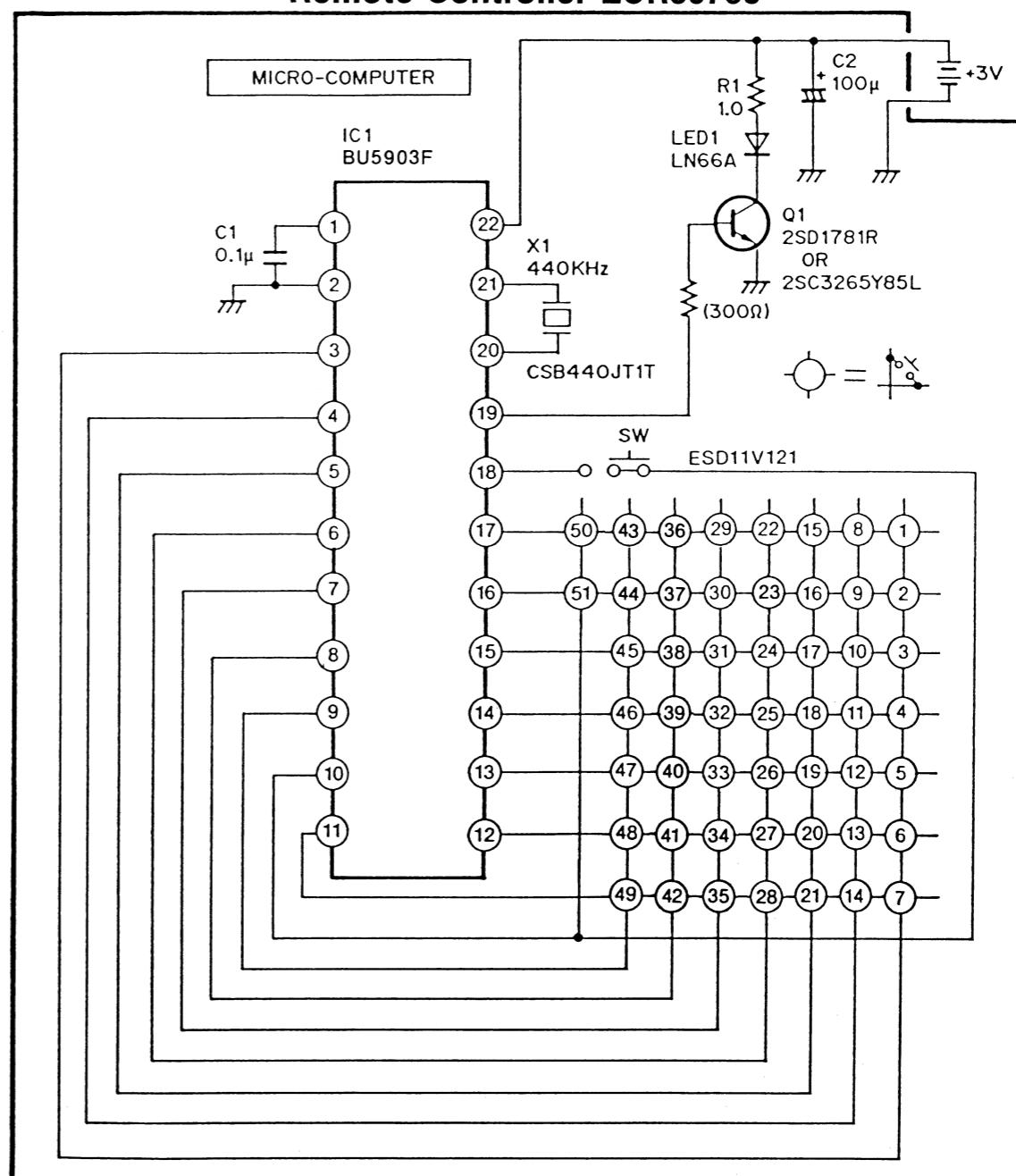
Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow. Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.

2. Following diodes are interchangeable.

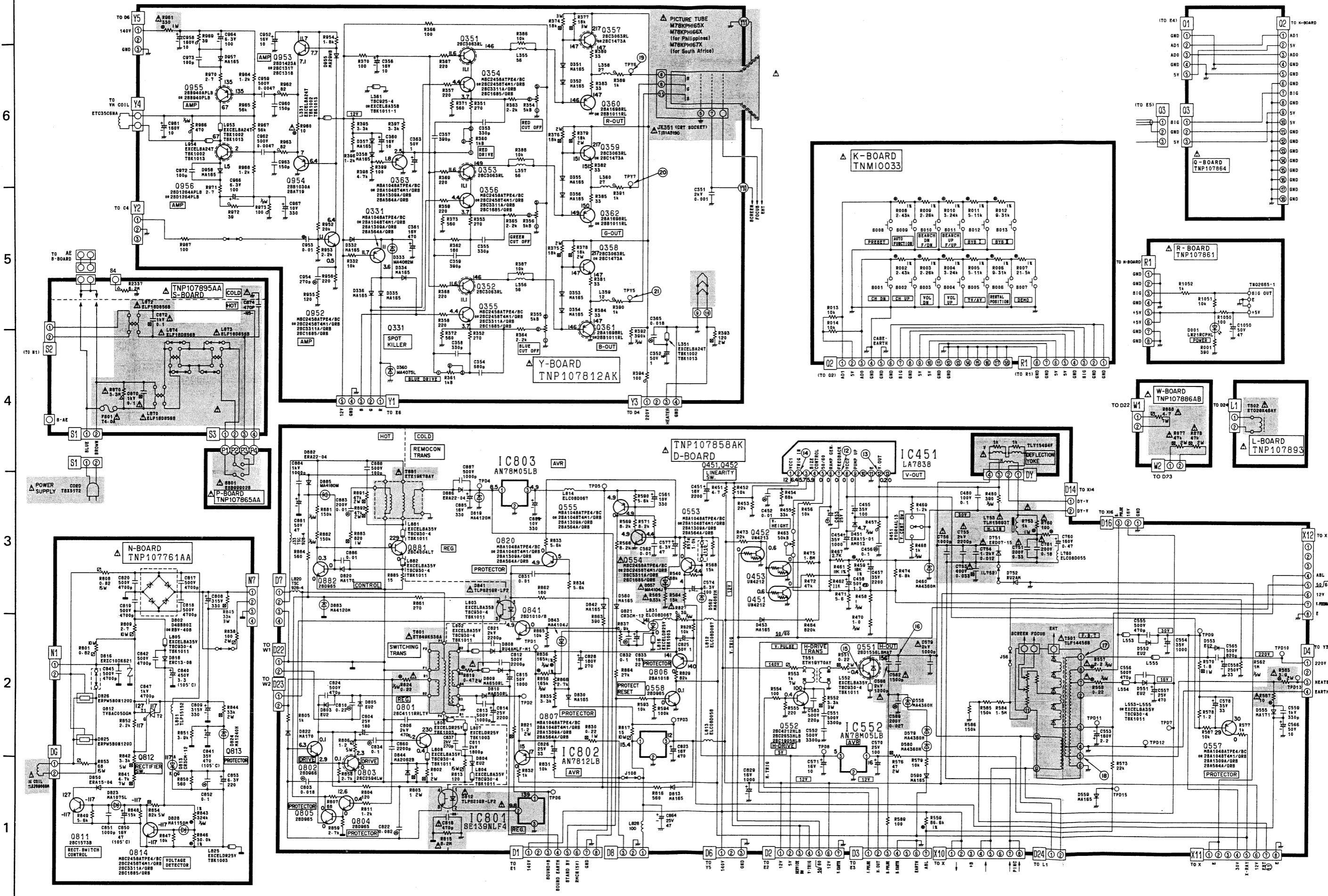
MA150 - MA162 (Replacement part)

Remote Controller EUR50753



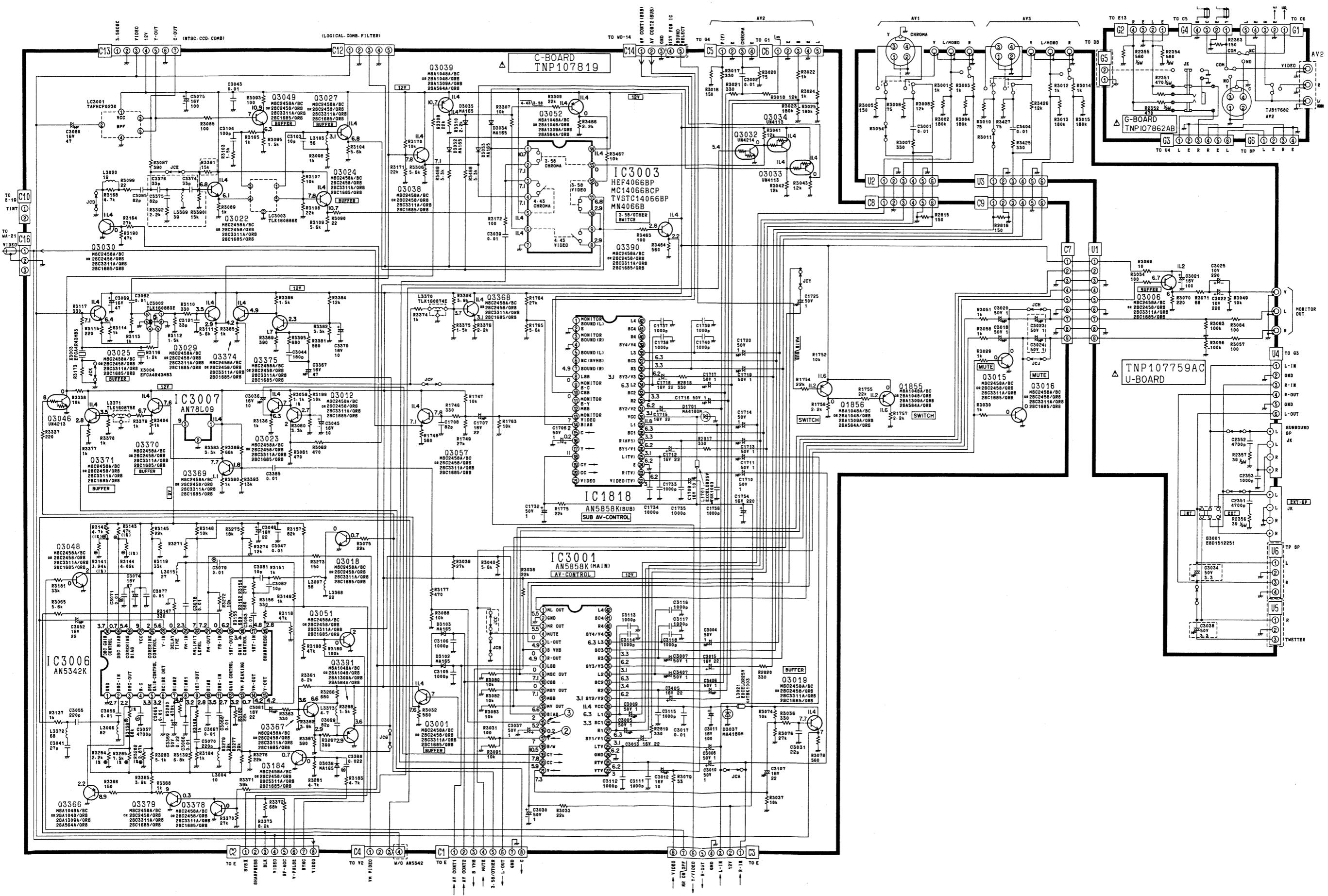
KEY NO.	DATA CODE	FUNCTION	KEY NO.	DATA CODE	FUNCTION	KEY NO.	DATA CODE	FUNCTION	KEY NO.	DATA CODE	FUNCTION
1	0F	OFF TIMER	14	17	8	27	0C	NORMAL	40	57	POSITION ▲
2	05	TV/AV	15	18	9	28	08	FUNC. UP.	41	33	SOUND SELECT
3	6D	AV SELECT	16	20	VOL. UP.	29	51	SOUND MENU	42	35	VCR CH. DN.
4	3D	POWER	17	39	RECALL	30	50	PICTURE MENU	43	34	VCR CH. UP.
5	10	1	18	19	0	31	33	STEREO/MONO	44	3D	VCR POWER
6	11	2	19	3B	-/- (2 DIGIT)	32	61	CH. SEARCH	45	00	VCR STOP
7	12	3	20	21	VOL. DN.	33	56	MODE	46	06	VCR PAUSE
8	34	CH. UP.	21	31	SURROUND	34	5E	SWAP	47	0C	VCR ADVANCE
9	13	4	22	07	SOUND FUNC.	35	5C	STILL	48	08	VCR REC.
10	14	5	23	06	PICTURE FUNC.	36	5D	P-IN-P ON/OFF	49	02	VCR REW.
11	15	6	24	0A	NR	37	59	POSITION <	50	0A	VCR PLAY
12	35	CH. DN.	25	32	MUTE	38	5A	POSITION >	51	03	VCR FF.
13	16	7	26	09	FUNC. DN.	39	58	POSITION V			

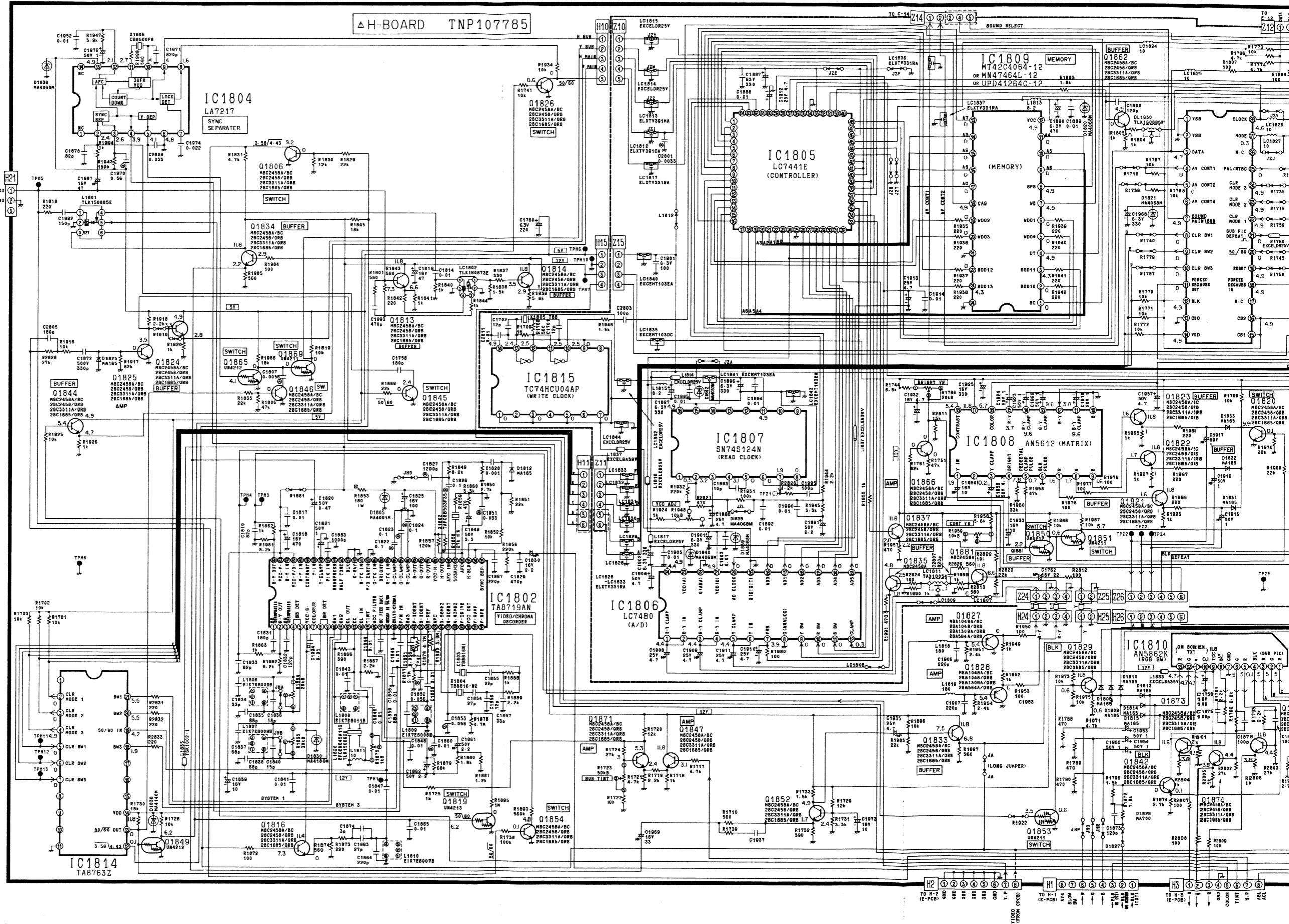
TC-33V2PX

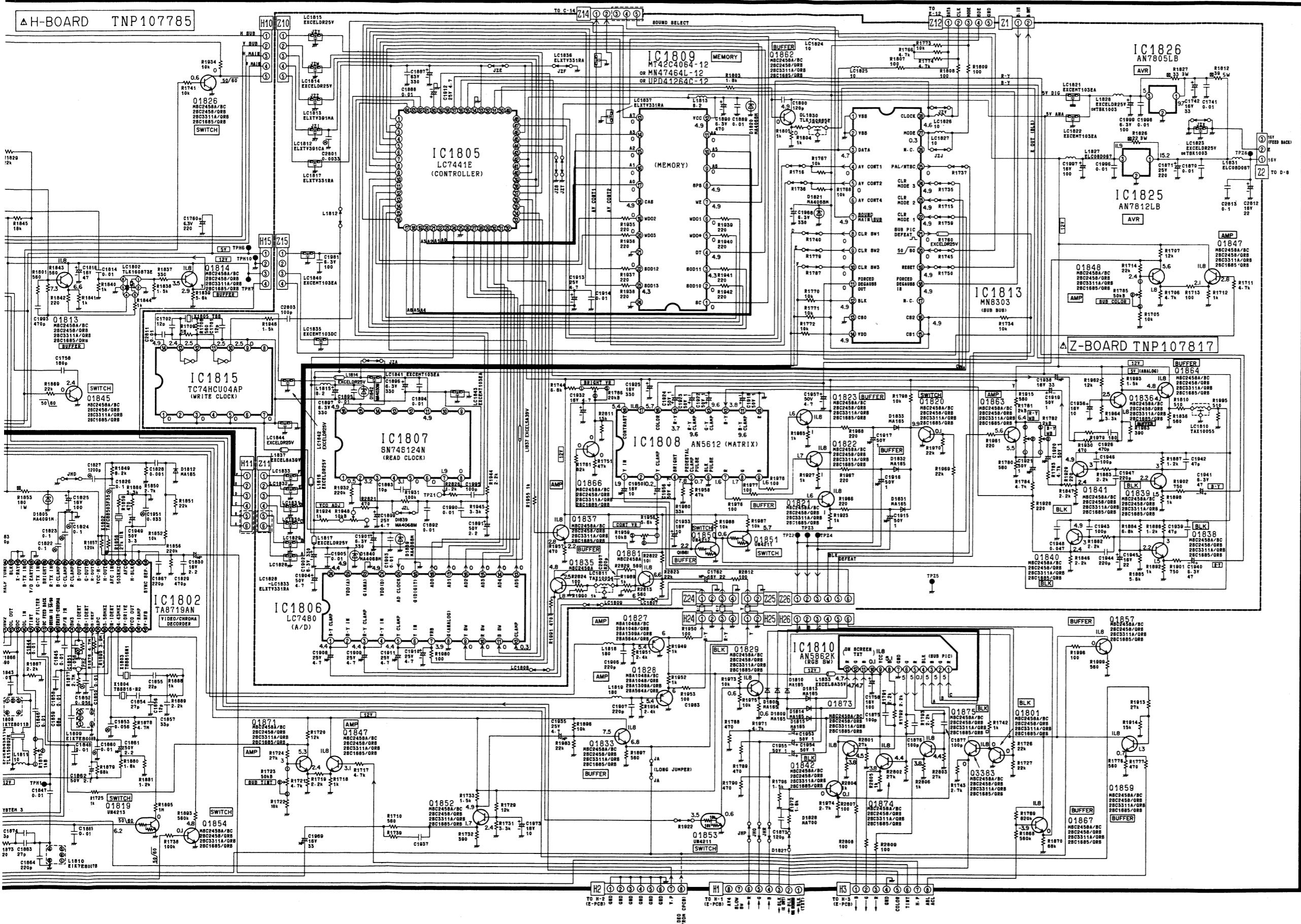


TC-33V2PX

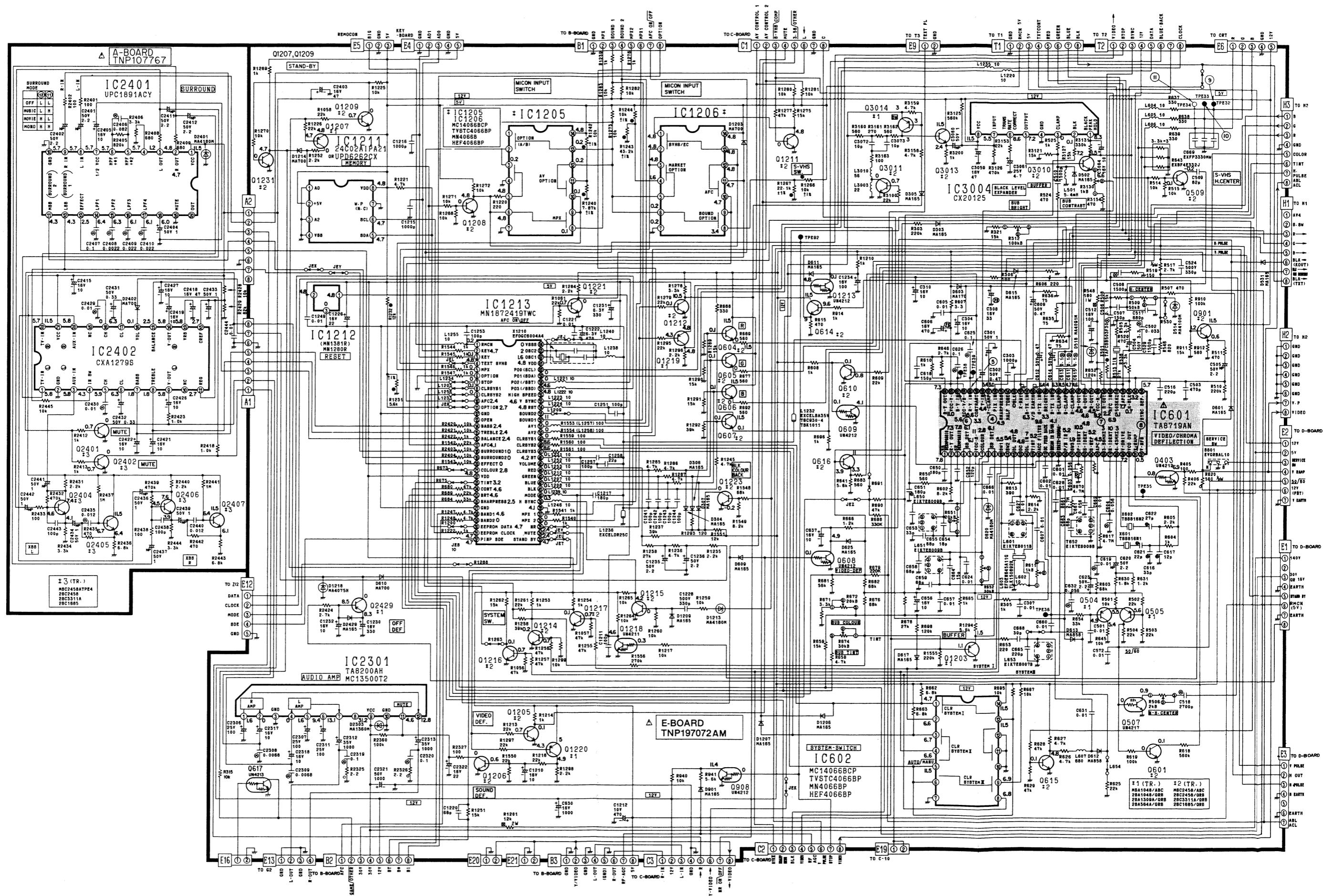
TC-33V2PX





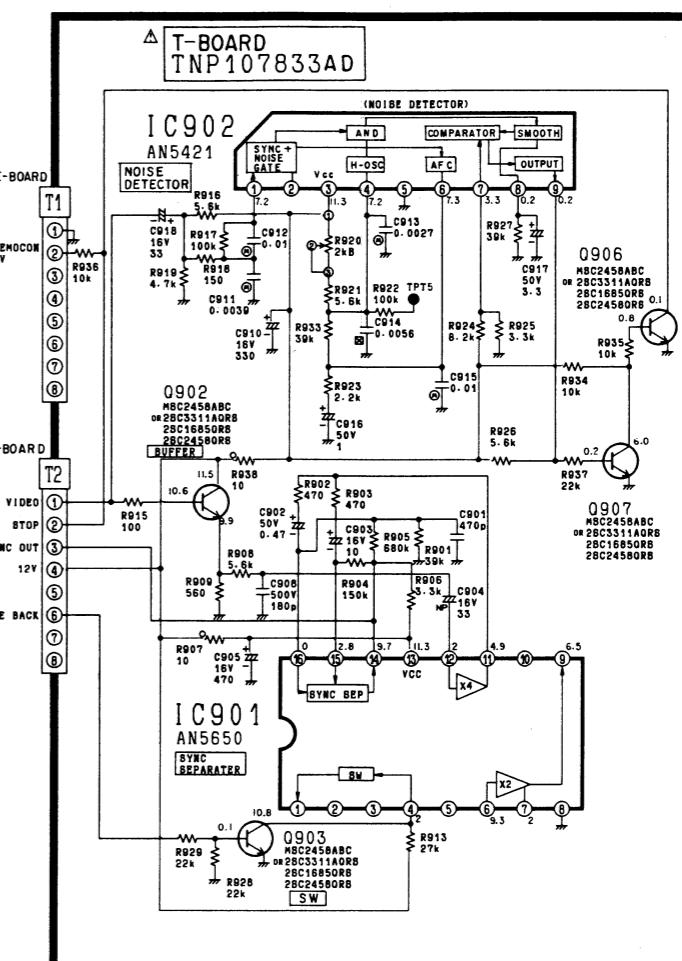
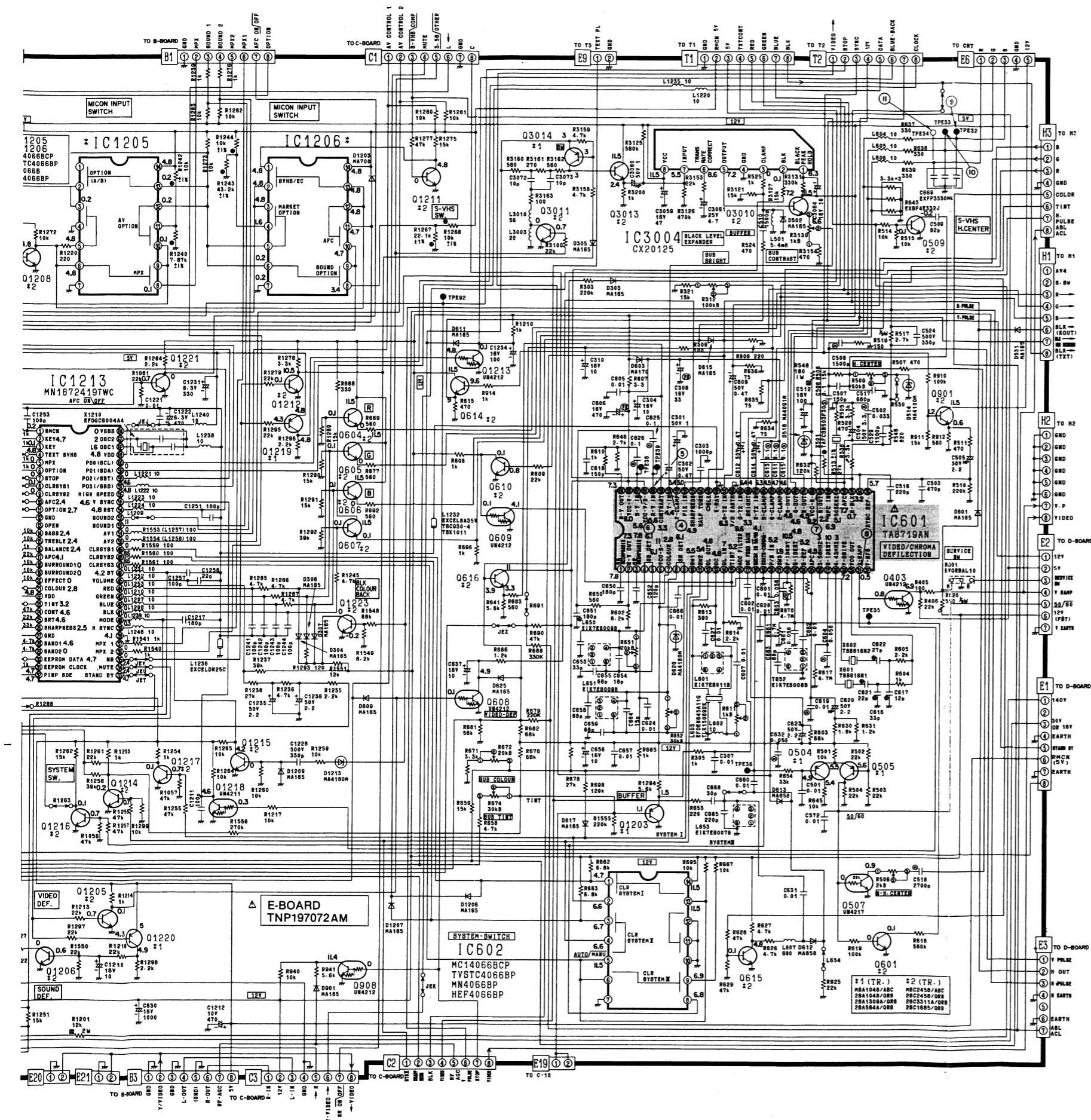


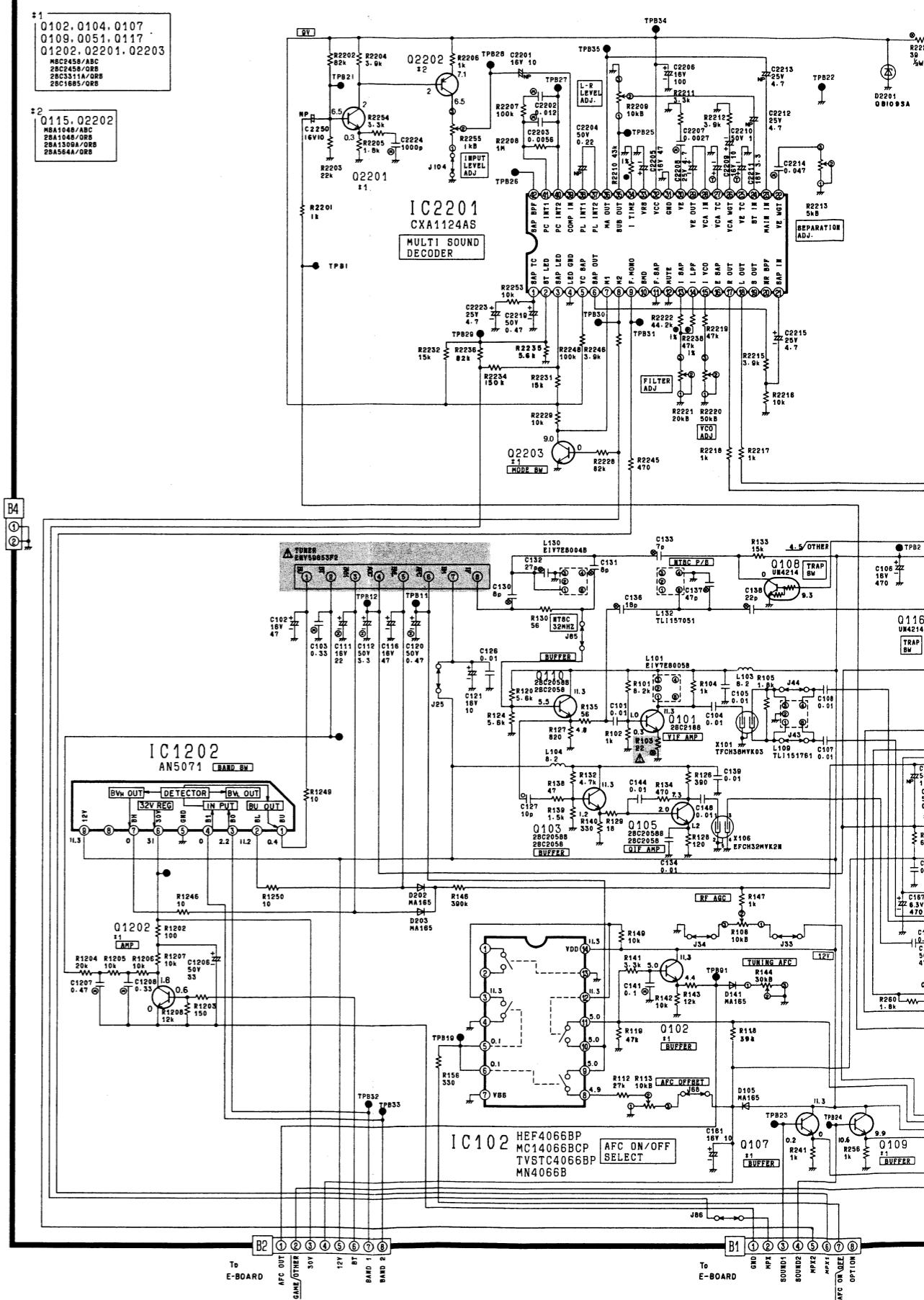
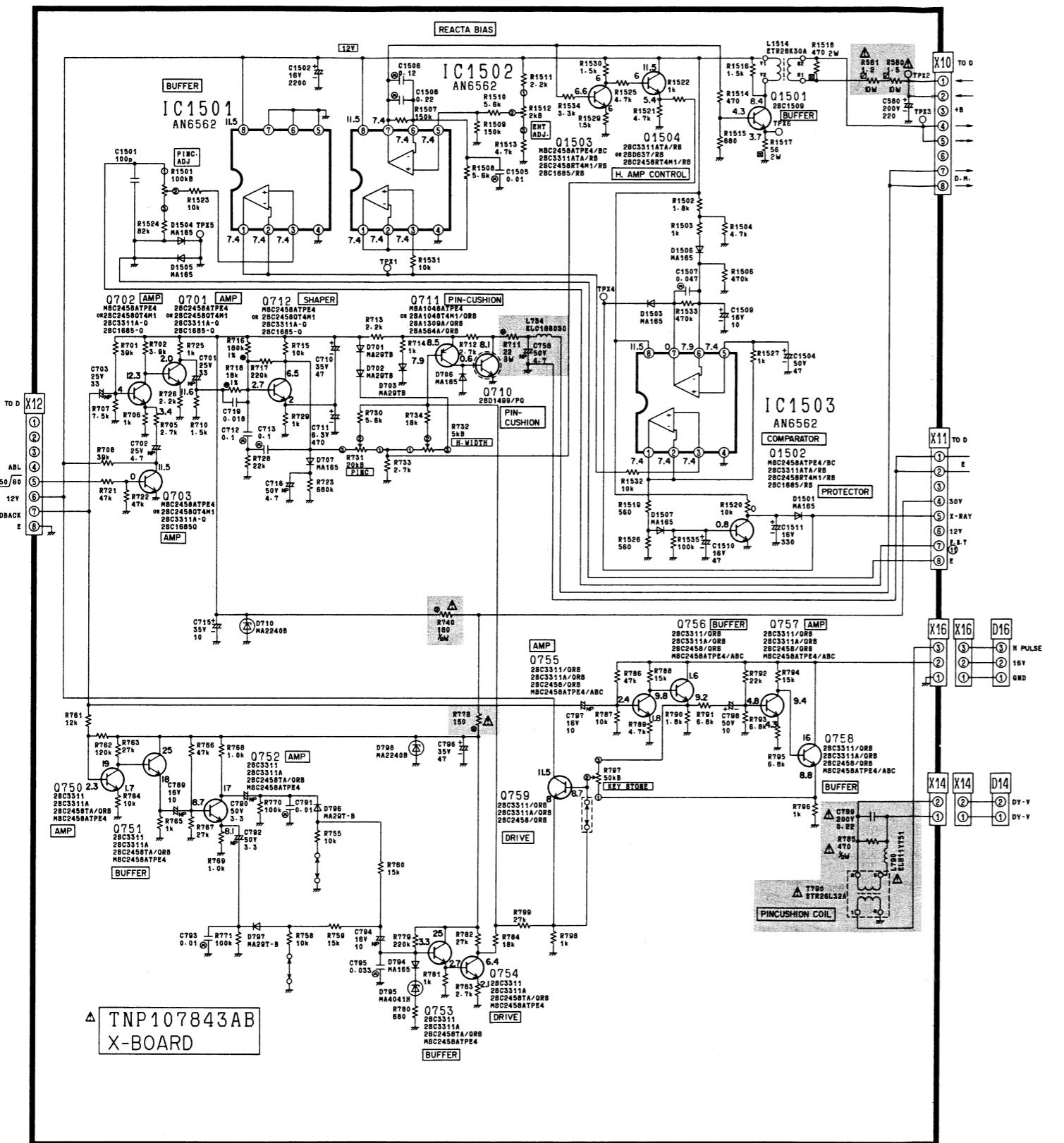
E F G H I J K L M N

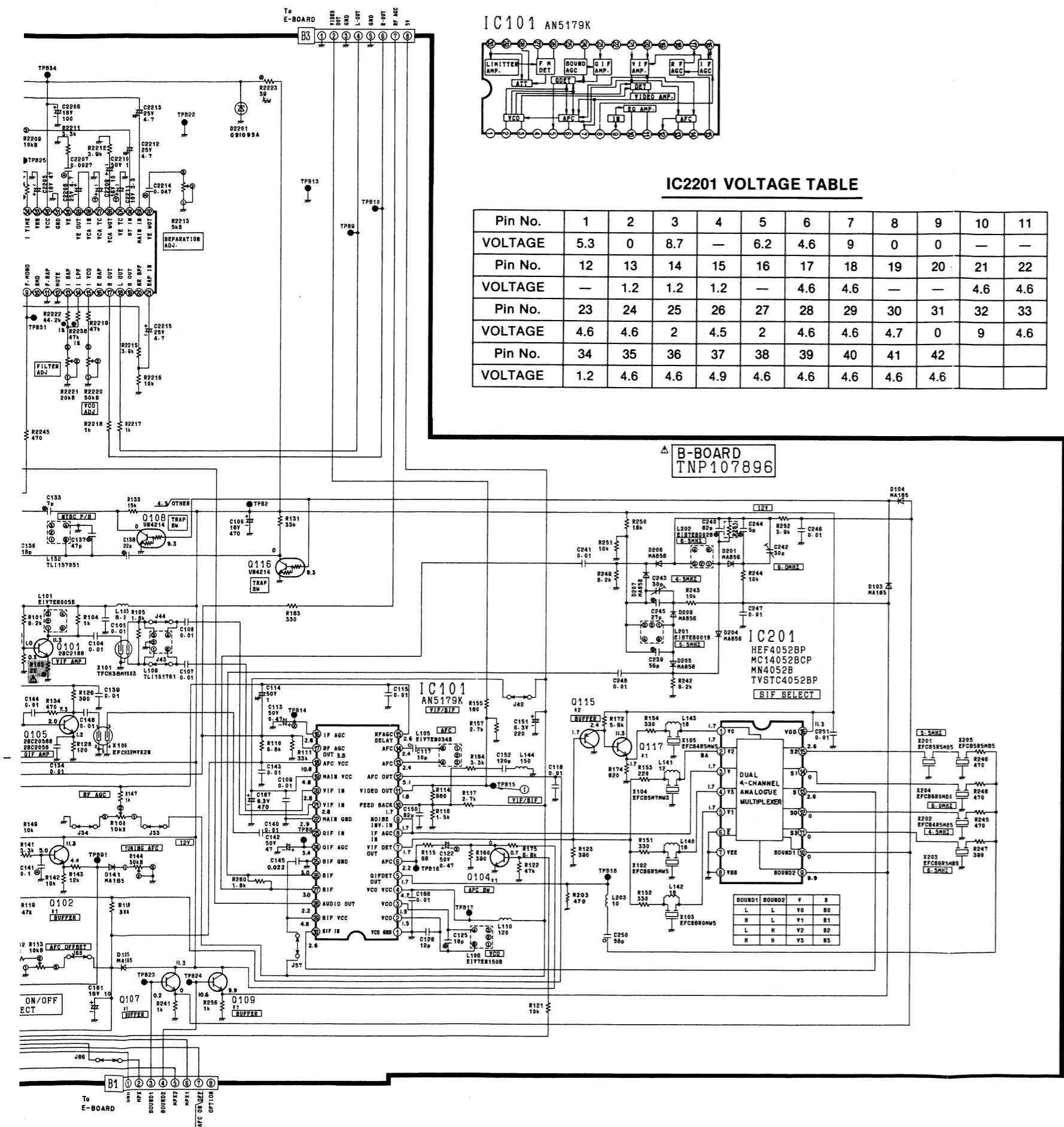


TC-33V2PX

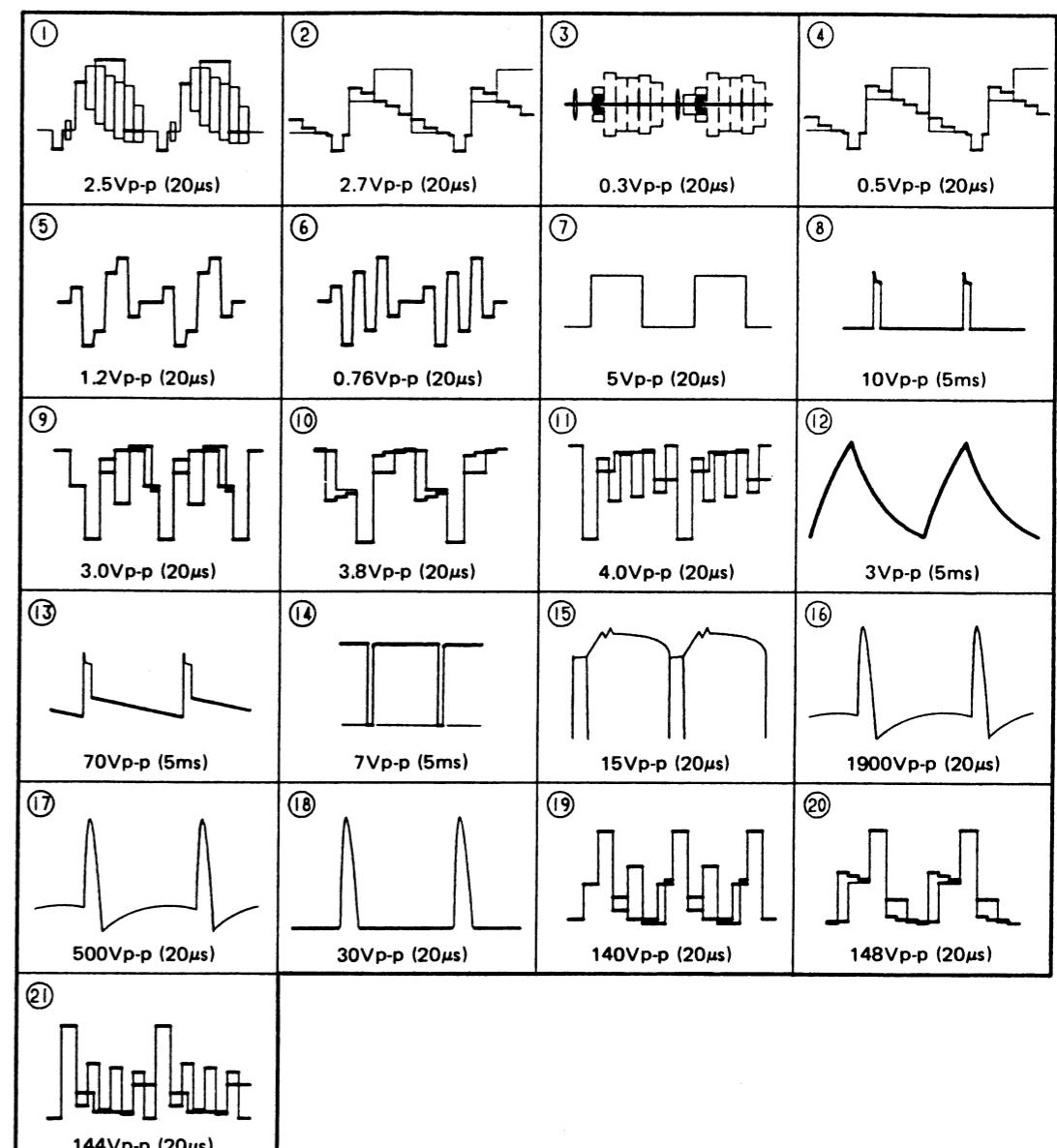
TC-33V2PX







WAVEFORM PATTERN TABLE

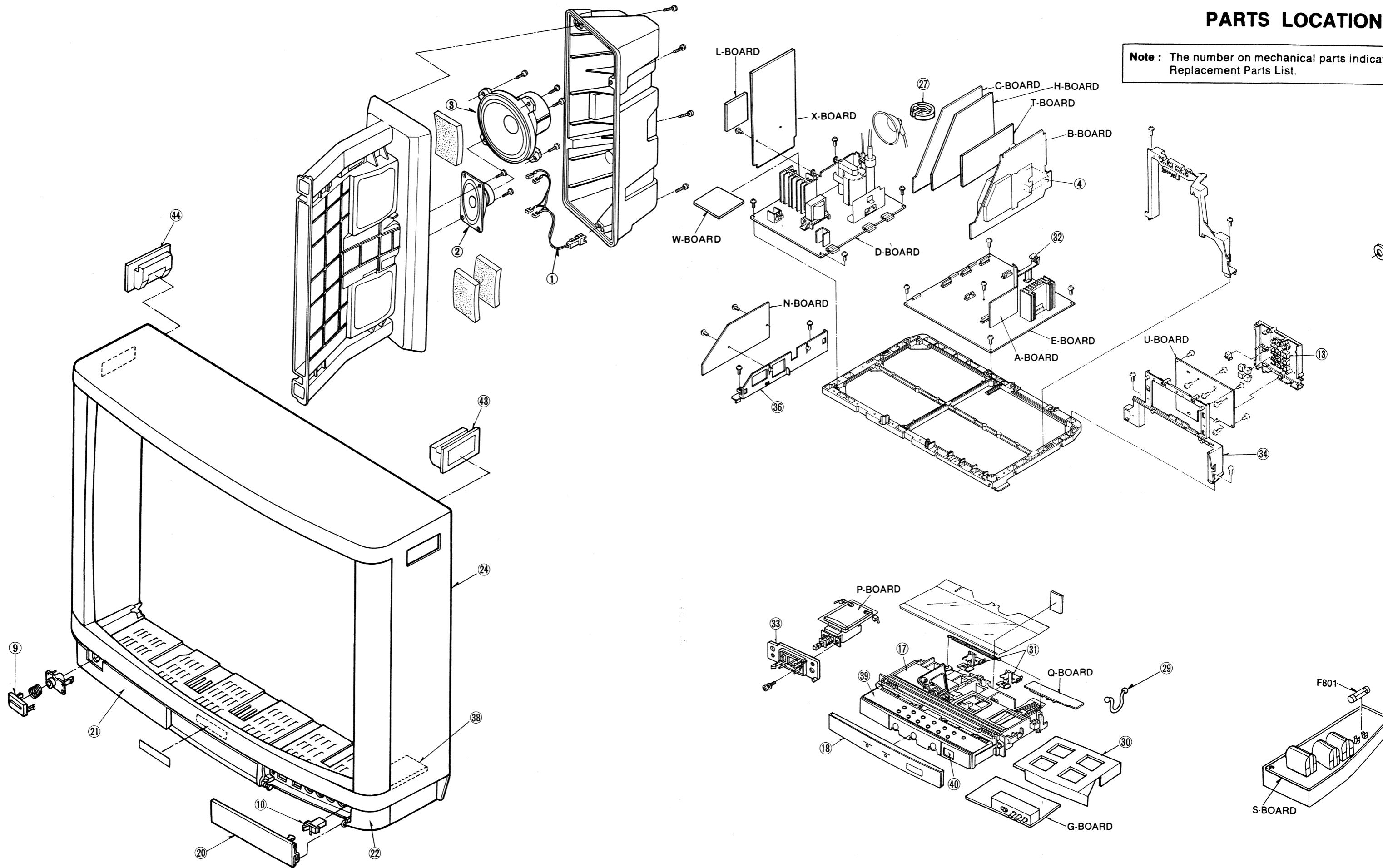


TC-33V2PX

TC-33V2PX

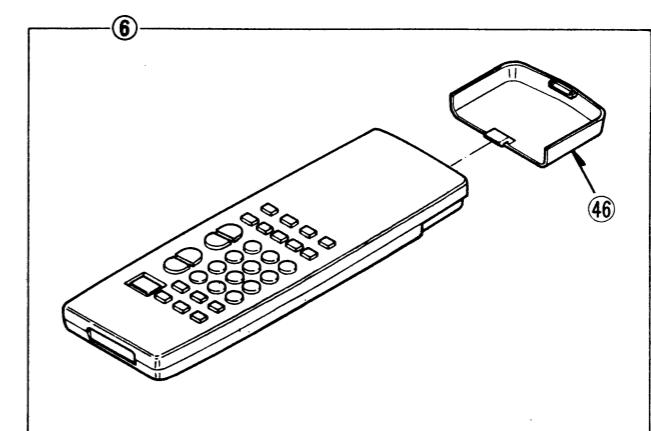
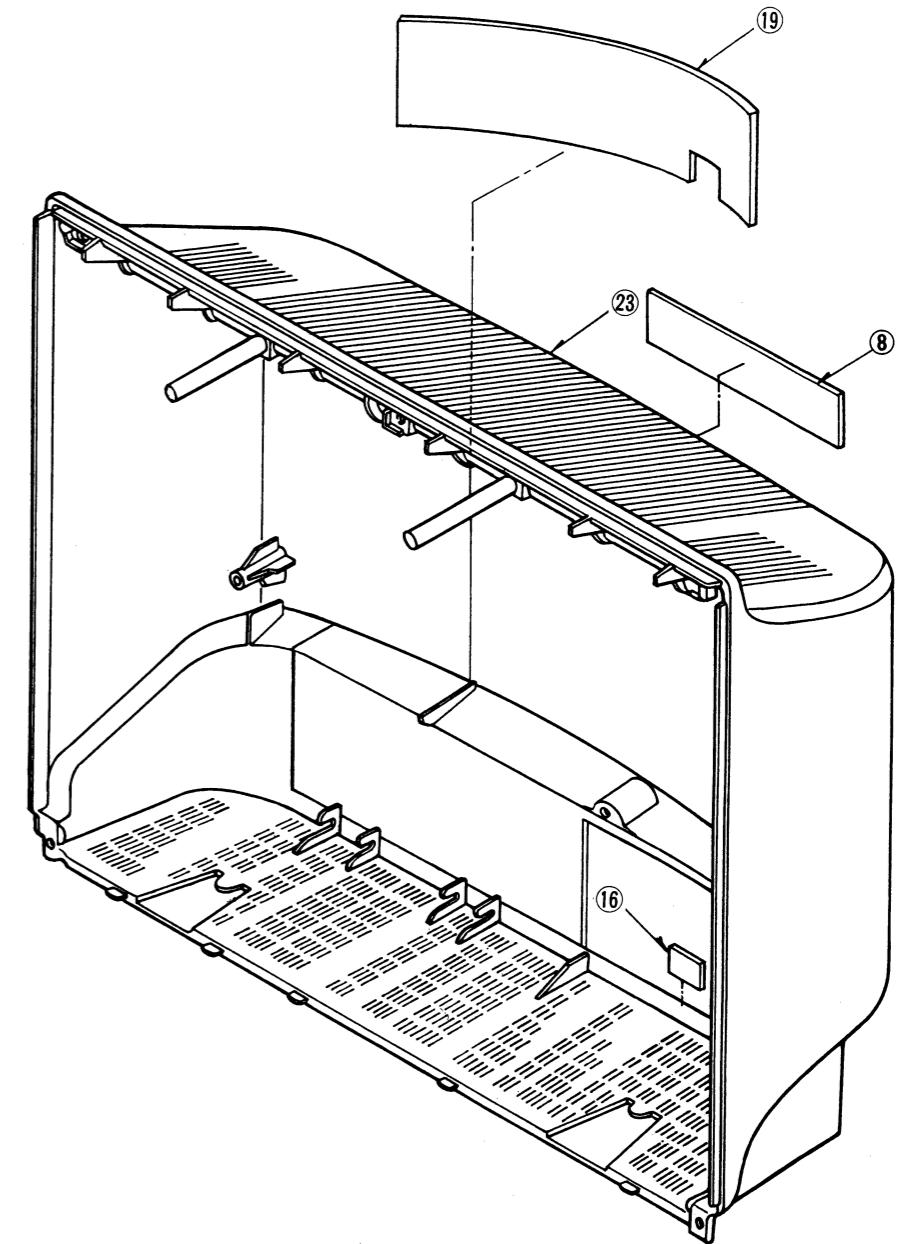
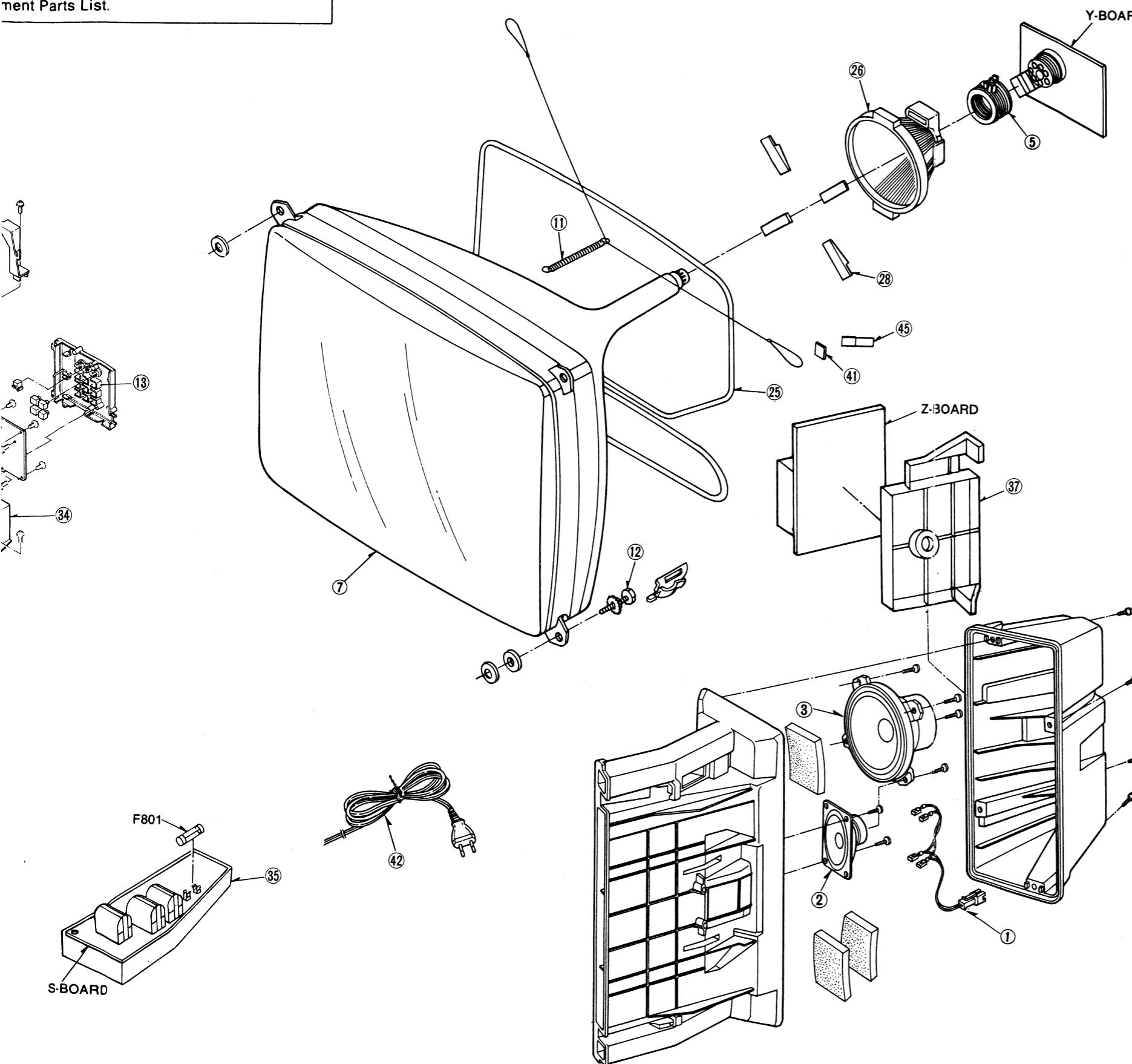
PARTS LOCATION

Note : The number on mechanical parts indicate Replacement Parts List.



PARTS LOCATION

ber on mechanical parts indicates Ref. No. of
ment Parts List.



Replacement Parts List

Important Safety Notice

Components identified by  mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

Note : Printed circuit board assembly with mark "NLA" is no longer available after production discontinuation of the complete set.

Abbreviation of part name and description

1. Resistor

Example :

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

2. Capacitor

Example :

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Carbon	F : $\pm 1\%$
F : Fuse	G : $\pm 2\%$
M : Metal Oxide	J : $\pm 5\%$
Metal Film	K : $\pm 10\%$
S : Solid	M : $\pm 20\%$
W : Wire Wound	

Type	Allowance
C : Ceramic	C : $\pm 0.25\text{pF}$
E : Electrolytic	D : $\pm 0.5\text{pF}$
P : Polyester	F : $\pm 1\text{pF}$
Polypropylene	G : $\pm 3\%$
T : Tantalum	J : $\pm 5\%$
	K : $\pm 10\%$
	L : $\pm 15\%$
	M : $\pm 20\%$
	P : + 100%, - 0%
	Z : + 80%, - 20%

TC-33V2PX

Ref.No.	Part No.	Description
MECHANICAL PARTS		
1	BZ-C2125A	SPEAKER CORD
2	EKX-10E73A	SPEAKER (WOOFER)
3	EKX-7E01B	SPEAKER (TWEETER)
4	ENV59853F2	TUNER △
5	ETC39C6NA	CONVERGENCE YOKE
6	EUR50753	REMOTE CONTROLLER
7	M78KPH165X	PICTURE TUBE △
7	M78KPH166X	PICTURE TUBE △ (for Philippines)
7	M78KPH167X	PICTURE TUBE △ (for South Africa)
	TBM153011	PANASONIC BADGE
8	TBM170530	MODEL NAME PLATE △
9	TBX2680800	POWER BUTTON
10	TEK6935	DOOR SWITCH
11	TES4248	COIL SPRING
	TES6528	TR FIX SPRING
12	THT1042	SCREW
13	TJB17679	REAR TERMINAL
14	TJB521900	750OHM ANTENNA PLUG
15	TJS38100	AC PLUG ADAPTOR
16	TKK169780	CABLE COVER (REAR)
17	TKK60919	BRACKET
18	TKP1512653	INDICATOR PANEL
19	TKP1512673	REAR TERMINAL DOOR
20	TKP1513301	BOTTOM DOOR
21	TKR18080	ORNAMENT PANEL (L)
22	TKR25310	ORNAMENT PANEL (R)
23	TKU589304-1	REAR COVER △
24	TKY157502-6	CABINET
25	TLK269060M	DEGAUSSING COIL △
26	TLY15494F	DEFLECTION YOKE △
27	TMM15404-1	SPACER RING
28	TMM17553	DY WEDGE
29	TMM6496	CLAMPER
30	TMW15543	FRONT BRACKET
31	TMW15942	JYPOINT
32	TMW27184	TUNER BRACKET
33	TMW6367-1	BRACKET
34	TMX17123	BRACKET (U-BOARD)
35	TMX17209-1	BRACKET
36	TMX17435	BRACKET (N-BOARD)

Ref.No.	Part No.	Description
37	TMX17440	BRACKET (Z-BOARD)
38	TMZ179979	S-BOARD GUIDE
	TMZ189827	CHASSIS GUIDE (L)
39	TNM10033	OPERATION PANEL
40	TNQ2665-1	REMOTE CONT. RECEIVER
	TPC1946304	CARTON
	TPC1946904	CARTON (Philippines)
	TPC1947001	CARTON (BOTTOM)
	TPD169487	JYPOINT
	TPD191585	CUSHION (UPPER)
	TPD192580	CUSHION (BOTTOM)
	TPD199289	CUSHION
	TPD199310-1	CUSHION
	TPD199314	CUSHION (REAR)
	TPE114108	COVER
	TPE114145-1	PROTECT COVER
	TQB620860	INSTRUCTION BOOK
	TQB621858	FAN BAG
	TQB621860	FAN BAG (for South Africa, Philippines)
41	TSN63115-2	MAGNET
42	TSX5172	POWER SUPPLY CORD △
43	TXFKK13B28	HANDLE (R)
44	TXFKK14B28	HANDLE (L)
45	TXFMK01H55	MAGNET
46	UR50EC937	BATTERY COVER
	XCST13301	FUSE HOLDER
	XTB4+16B	SCREW
	XZBT6506	POLY BAG
RESISTORS		
R1	ERJ14YJ1R0	C 1.0OHM, 1/4W
R001	ERD25TJ391	C 390OHM, J, 1/4W
R101	ERDS2TJ822	C 8.2KOHM, J, 1/4W
R102	ERDS2TJ102	C 1KOHM, J, 1/4W
R103	ERQ14AJ220P	F 220OHM, J, 1/4W △
R104	ERDS2TJ102	C 1KOHM, J, 1/4W
R105	ERDS2TJ182	C 1.8KOHM, J, 1/4W
R108	EVND1AA00B14	CONTROL 10KOHMB
R110	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R111	ERDS2TJ333	C 33KOHM, J, 1/4W
R112	ERDS2TJ273	C 27KOHM, J, 1/4W
R113	EVND4AA00B14	CONTROL 10KOHMB
R114	ERDS2TJ681	C 680OHM, J, 1/4W

Ref.No.	Part No.	Description
R115	ERDS2TJ680	C 68OHM, J,1/4W
R116	ERDS2TJ152	C 1.5KOHM, J,1/4W
R117	ERDS2TJ272	C 2.7KOHM, J,1/4W
R118	ERDS2TJ683	C 68KOHM, J,1/4W
R119	ERDS2TJ823	C 82KOHM, J,1/4W
R120	ERDS2TJ562	C 5.6KOHM, J,1/4W
R121	ERDS2TJ103	C 10KOHM, J,1/4W
R122	ERDS2TJ473	C 47KOHM, J,1/4W
R123	ERDS2TJ391	C 390OHM, J,1/4W
R124	ERDS2TJ562	C 5.6KOHM, J,1/4W
R126	ERDS2TJ391	C 390OHM, J,1/4W
R127	ERDS2TJ821	C 820OHM, J,1/4W
R128	ERDS2TJ121	C 120OHM, J,1/4W
R129	ERDS2TJ180	C 18OHM, J,1/4W
R130	ERDS2TJ560	C 56OHM, J,1/4W
R131	ERDS2TJ333	C 33KOHM, J,1/4W
R132	ERDS2TJ472	C 4.7KOHM, J,1/4W
R133	ERDS2TJ153	C 15KOHM, J,1/4W
R134	ERDS2TJ471	C 470OHM, J,1/4W
R135	ERDS2TJ560	C 56OHM, J,1/4W
R138	ERDS2TJ470	C 47OHM, J,1/4W
R139	ERDS2TJ152	C 1.5KOHM, J,1/4W
R140	ERDS2TJ331	C 330OHM, J,1/4W
R141	ERDS2TJ332	C 3.3KOHM, J,1/4W
R142	ERDS2TJ103	C 10KOHM, J,1/4W
R143	ERDS2TJ123	C 12KOHM, J,1/4W
R144	EVND4AA00B34	CONTROL 30KOHMB
R146	ERDS2TJ394	C 390KOHM, J,1/4W
R147	ERDS2TJ102	C 1KOHM, J,1/4W
R149	ERDS2TJ103	C 10KOHM, J,1/4W
R151	ERDS2TJ331	C 330OHM, J,1/4W
R152	ERDS2TJ331	C 330OHM, J,1/4W
R153	ERDS2TJ221	C 220OHM, J,1/4W
R154	ERDS2TJ331	C 330OHM, J,1/4W
R155	ERDS2TJ181	C 180OHM, J,1/4W
R156	ERDS2TJ331	C 330OHM, J,1/4W
R157	ERDS2TJ272	C 2.7KOHM, J,1/4W
R160	ERDS2TJ102	C 1KOHM, J,1/4W
R163	ERDS2TJ331	C 330OHM, J,1/4W
R164	ERDS2TJ332	C 3.3KOHM, J,1/4W
R172	ERDS2TJ562	C 5.6KOHM, J,1/4W
R174	ERDS2TJ821	C 820OHM, J,1/4W
R175	ERDS2TJ682	C 6.8KOHM, J,1/4W

Ref.No.	Part No.	Description
R203	ERDS2TJ471	C 470OHM, J,1/4W
R241	ERDS2TJ102	C 1KOHM, J,1/4W
R242	ERDS2TJ822	C 8.2KOHM, J,1/4W
R243	ERDS2TJ103	C 10KOHM, J,1/4W
R244	ERDS2TJ103	C 10KOHM, J,1/4W
R245	ERDS2TJ471	C 470OHM, J,1/4W
R246	ERDS2TJ471	C 470OHM, J,1/4W
R247	ERDS2TJ391	C 390OHM, J,1/4W
R248	ERDS2TJ471	C 470OHM, J,1/4W
R249	ERDS2TJ822	C 8.2KOHM, J,1/4W
R250	ERDS2TJ183	C 18KOHM, J,1/4W
R251	ERDS2TJ103	C 10KOHM, J,1/4W
R252	ERDS2TJ392	C 3.9KOHM, J,1/4W
R256	ERDS2TJ102	C 1KOHM, J,1/4W
R260	ERDS2TJ182	C 1.8KOHM, J,1/4W
R305	ERDS2TJ102	C 1KOHM, J,1/4W
R306	ERDS2TJ101	C 100OHM, J,1/4W
R312	EVND1AA00B15	CONTROL 100KOHMB
R321	ERDS2TJ153	C 15KOHM, J,1/4W
R332	ERDS2TJ103	C 10KOHM, J,1/4W
R351	ERDS2TJ271	C 270OHM, J,1/4W
R352	ERDS2TJ271	C 270OHM, J,1/4W
R353	ERDS2TJ271	C 270OHM, J,1/4W
R354	EVN65UA00B53	CONTROL 5KOHMB
R355	EVN65UA00B53	CONTROL 5KOHMB
R356	EVN65UA00B53	CONTROL 5KOHMB
R357	ERDS2TJ221	C 220OHM, J,1/4W
R358	ERDS2TJ221	C 220OHM, J,1/4W
R359	ERDS2TJ221	C 220OHM, J,1/4W
R360	EVN65UA00B13	CONTROL 1KOHMB
R361	EVN65UA00B13	CONTROL 1KOHMB
R362	ERDS2TJ181	C 180OHM, J,1/4W
R363	ERDS2TJ222	C 2.2KOHM, J,1/4W
R364	ERDS2TJ222	C 2.2KOHM, J,1/4W
R365	ERDS2TJ222	C 2.2KOHM, J,1/4W
R366	ERDS2TJ101	C 100OHM, J,1/4W
R367	ERDS2TJ221	C 220OHM, J,1/4W
R368	ERDS2TJ221	C 220OHM, J,1/4W
R369	ERDS2TJ221	C 220OHM, J,1/4W
R370	ERDS2TJ101	C 100OHM, J,1/4W
R371	ERDS2TJ561	C 560OHM, J,1/4W
R372	ERDS2TJ561	C 560OHM, J,1/4W
R373	ERDS2TJ561	C 560OHM, J,1/4W

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Ref.No.	Part No.	Description
R374	ERG3SJ183H	M 18KOHM, J, 3W
R375	ERG2SJ183H	M 18KOHM, J, 2W
R376	ERG2SJ183H	M 18KOHM, J, 2W
R377	ERG3SJ183H	M 18KOHM, J, 3W
R378	ERG2SJ183H	M 18KOHM, J, 2W
R379	ERG2SJ183H	M 18KOHM, J, 2W
R380	ERDS2TJ330	C 330HM, J, 1/4W
R381	ERDS2TJ330	C 330HM, J, 1/4W
R382	ERDS2TJ330	C 330HM, J, 1/4W
R383	ERDS2TJ330	C 330HM, J, 1/4W
R384	ERDS2TJ330	C 330HM, J, 1/4W
R385	ERDS2TJ330	C 330HM, J, 1/4W
R386	ERDS2TJ103	C 10KOHM, J, 1/4W
R387	ERDS2TJ103	C 10KOHM, J, 1/4W
R388	ERDS2TJ103	C 10KOHM, J, 1/4W
R389	ERD25FJ102	C 1KOHM, J, 1/4W
R390	ERD25FJ102	C 1KOHM, J, 1/4W
R391	ERD25FJ102	C 1KOHM, J, 1/4W
R392	ERDS1TJ394	C 390KOHM, J, 1/2W
R393	ERG2SJ121H	M 1200HM, J, 2W
R394	ERD25FJ101	C 1000HM, J, 1/4W
R395	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R396	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R397	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R398	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R399	ERDS2TJ101	C 1000HM, J, 1/4W
R405	ERDS2TJ101	C 1000HM, J, 1/4W
R406	ERDS2TJ223	C 22KOHM, J, 1/4W
R451	ERD25FJ4R7	C 4.7OHM, J, 1/4W
R452	ERDS2TJ103	C 10KOHM, J, 1/4W
R453	ERDS2TJ223	C 22KOHM, J, 1/4W
R454	ERDS2TJ683	C 68KOHM, J, 1/4W
R455	ERD25TJ333	C 33KOHM, J, 1/4W
R456	ERDS2TJ103	C 10KOHM, J, 1/4W
R457	ERDS1FJ4R7	C 4.7OHM, J, 1/2W
R458	ERDS1TJ1R0	C 1OHM, J, 1/2W
R459	ER0S2CKF1802	M 18KOHM, F, 1/4W
R461	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R462	ER025CKF1102	M 11KOHM, F, 1/4W
R463	TAV1027B503	VARIABLE RESISTOR
R464	ERDS2TJ824	C 820KOHM, J, 1/4W
R467	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R468	ERDS1TJ102	C 1KOHM, J, 1/2W

Ref.No.	Part No.	Description
R469	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R470	ERDS1TJ1R0	C 1OHM, J, 1/2W
R471	ERDS2TJ5R6	C 5.6OHM, J, 1/4W
R472	ERDS2TJ473	C 47KOHM, J, 1/4W
R473	ERDS2TJ223	C 22KOHM, J, 1/4W
R474	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R475	ERDS2TJ185	C 1.8MOHM, J, 1/4W
R480	ERDS1TJ391	C 390OHM, J, 1/2W
R501	ERDS2TJ103	C 10KOHM, J, 1/4W
R502	ERDS2TJ223	C 22KOHM, J, 1/4W
R503	ERDS2TJ223	C 22KOHM, J, 1/4W
R504	ERDS2TJ223	C 22KOHM, J, 1/4W
R505	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R506	EVND1AA00B23	CONTROL 2KOHMB
R507	ERDS2TJ471	C 470OHM, J, 1/4W
R508	ERDS2TJ153	C 15KOHM, J, 1/4W
R509	EVND1AA00B54	CONTROL 50KOHMB
R510	ERDS2TJ224	C 220KOHM, J, 1/4W
R511	ERDS2TJ471	C 470OHM, J, 1/4W
R513	ER0S2CKF2702	M 27KOHM, F, 1/4W
R514	ERDS2TJ103	C 10KOHM, J, 1/4W
R515	ERDS2TJ103	C 10KOHM, J, 1/4W
R517	ERDS1TJ272	C 2.7KOHM, J, 1/2W
R519	ERDS2TJ151	C 150OHM, J, 1/4W
R520	ERD25TJ471	C 470OHM, J, 1/4W
R524	ERDS2TJ471	C 470OHM, J, 1/4W
R525	ERDS2TJ102	C 1KOHM, J, 1/4W
R538	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R540	ERDS2TJ683	C 68KOHM, J, 1/4W
R546	ERDS2TJ821	C 820OHM, J, 1/4W
R548	ERG1SJ181P	M 180OHM, J, 1W
R551	ERX2ANJR22H	M 0.22OHM, J, 2W
R552	ERG3ANJ332	M 3.3KOHM, J, 3W
R553	ERF7ZJ561	W 560OHM, 7W
R554	ERDS2TJ101	C 1000HM, J, 1/4W
R555	ERDS2TJ221	C 220OHM, J, 1/4W
R557	ERQ12HJ2R2	F 2.2OHM, J, 1/2W ▲
R558	ERQ12HKR22	F 0.22OHM, K, 1/2W ▲
R559	ER0S2CKF8662	M86.6KOHM, F, 1/4W
R560	ERF10ZK1R5	W 1.5OHM, 10W ▲
R561	ERF10ZK1R2	W 1.2OHM, 10W ▲
R562	ERDS1TJ105	C 1MOHM, J, 1/2W
R563	ERQ2CJP3R9S	F 3.9OHM, J, 2W

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Ref.No.	Part No.	Description
R564	ER025CKF1502	M 15KOHM, F, 1/4W ▲
R565	ER025CKF9531	M 9530OHM, F, 1/4W ▲
R566	ERDS2TJ822	C 8.2KOHM, J, 1/4W
R567	ERQ14AJ100P	F 100OHM, J, 1/4W ▲
R568	ERDS2TJ153	C 15KOHM, J, 1/4W
R569	ERDS2TJ822	C 8.2KOHM, J, 1/4W
R570	ERX1ANJP1R8S	M 1.8OHM, J, 1W
R571	ERDS2TJ822	C 8.2KOHM, J, 1/4W
R573	ERD25TJ223	C 22KOHM, J, 1/4W
R574	ERDS2TJ102	C 1KOHM, J, 1/4W
R576	ERG2ANJ470H	M 470OHM, J, 2W
R577	ERDS2TJ102	C 1KOHM, J, 1/4W
R578	ERD2FAVJ1R2W	C 1.2OHM, J, 1/4W
R579	ERDS2TJ103	C 10KOHM, J, 1/4W
R584	ERDS2TJ155	C 1.5MOHM, J, 1/4W
R585	ERDS2TJ154	C 150KOHM, J, 1/4W
R586	ERDS2TJ154	C 150KOHM, J, 1/4W
R587	ERDS2TJ103	C 10KOHM, J, 1/4W
R589	ERDS2TJ101	C 100OHM, J, 1/4W
R590	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R593	ERDS2TJ103	C 10KOHM, J, 1/4W
R594	ERDS2TJ104	C 100KOHM, J, 1/4W
R602	ERDS2TJ822	C 8.2KOHM, J, 1/4W
R603	ERDS2TJ683	C 68KOHM, J, 1/4W
R604	ERDS2TJ102	C 1KOHM, J, 1/4W
R605	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R606	ERD25TJ221	C 220OHM, J, 1/4W
R607	ERDS2TJ3R3	C 3.3OHM, J, 1/4W
R610	ERDS2TJ102	C 1KOHM, J, 1/4W
R611	EVND4AA00B13	CONTROL 1KOHMB
R613	ERDS2TJ391	C 390OHM, J, 1/4W
R614	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R615	ERDS2TJ471	C 470OHM, J, 1/4W
R617	ERDS2TJ475	C 4.7MOHM, J, 1/4W
R618	ERDS2TJ564	C 560KOHM, J, 1/4W
R619	ERDS2TJ104	C 100KOHM, J, 1/4W
R620	ERDS1FJ561	C 560OHM, J, 1/2W
R625	ERDS2TJ223	C 22KOHM, J, 1/4W
R626	ERD25TJ472	C 4.7KOHM, J, 1/4W
R627	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R628	ERDS2TJ473	C 47KOHM, J, 1/4W
R629	ERDS2TJ473	C 47KOHM, J, 1/4W
R630	ERDS2TJ182	C 1.8KOHM, J, 1/4W

Ref.No.	Part No.	Description
R631	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R632	ERDS2TJ124	C 120KOHM, J, 1/4W
R634	ERDS2TJ750	C 75OHM, J, 1/4W
R635	ERDS2TJ750	C 75OHM, J, 1/4W
R636	ERDS2TJ750	C 75OHM, J, 1/4W
R637	ERDS2TJ331	C 330OHM, J, 1/4W
R638	ERDS2TJ331	C 330OHM, J, 1/4W
R639	ERDS2TJ331	C 330OHM, J, 1/4W
R641	ERD25TJ562	C 5.6KOHM, J, 1/4W
R643	EXBF4E332J	RESISTOR ARRAY
R644	ERDS2TJ105	C 1MOHM, J, 1/4W
R645	ERDS2TJ103	C 10KOHM, J, 1/4W
R646	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R650	ERDS2TJ561	C 560OHM, J, 1/4W
R651	EVND4AA00B24	CONTROL 20KOHMB
R652	EVND4AA00B34	CONTROL 30KOHMB
R653	ERD25TJ221	C 220OHM, J, 1/4W
R654	ERD25TJ333	C 33KOHM, J, 1/4W
R658	ERD25TJ472	C 4.7KOHM, J, 1/4W
R659	ERD25TJ153	C 15KOHM, J, 1/4W
R661	ERDS2TJ275	C 2.7MOHM, J, 1/4W
R662	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R663	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R665	ERD25TJ102	C 1KOHM, J, 1/4W
R666	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R667	ERDS2TJ103	C 10KOHM, J, 1/4W
R668	ERDS2TJ331	C 330OHM, J, 1/4W
R669	ERDS2TJ561	C 560OHM, J, 1/4W
R670	ERDS2TJ125	C 1.2MOHM, J, 1/4W
R671	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R672	EVND4AA00B24	CONTROL 20KOHMB
R674	EVND4AA00B34	CONTROL 30KOHMB
R676	ERDS2TJ683	C 68KOHM, J, 1/4W
R677	ERDS2TJ561	C 560OHM, J, 1/4W
R678	ERD25TJ273	C 27KOHM, J, 1/4W
R679	ERDS2TJ224	C 220KOHM, J, 1/4W
R680	ERD25TJ473	C 47KOHM, J, 1/4W
R681	ERD25TJ563	C 56KOHM, J, 1/4W
R682	ERDS2TJ683	C 68KOHM, J, 1/4W
R683	ERDS2TJ561	C 560OHM, J, 1/4W
R684	ERD25TJ333	C 33KOHM, J, 1/4W
R688	ERDS2TJ334	C 330KOHM, J, 1/4W
R689	ERD25TJ223	C 22KOHM, J, 1/4W

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Ref.No.	Part No.	Description
R690	ERDS2TJ473	C 47KOHM, J, 1/4W
R692	ERDS2TJ561	C 5600OHM, J, 1/4W
R695	ERDS2TJ103	C 10KOHM, J, 1/4W
R696	ERDS2TJ102	C 1KOHM, J, 1/4W
R698	ERDS2TJ124	C 120KOHM, J, 1/4W
R701	ERDS2TJ393	C 39KOHM, J, 1/4W
R702	ERDS2TJ392	C 3.9KOHM, J, 1/4W
R705	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R706	ERDS2TJ102	C 1KOHM, J, 1/4W
R707	ERDS2TJ752	C 7.5KOHM, J, 1/4W
R708	ERDS2TJ393	C 39KOHM, J, 1/4W
R710	ERDS2TJ152	C 1.5KOHM, J, 1/4W
R711	ERQ3CJ220	F 220OHM, J, 3W ▲
R712	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R713	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R714	ERDS2TJ102	C 1KOHM, J, 1/4W
R715	ERDS2TJ103	C 10KOHM, J, 1/4W
R716	ER0S2CKF1803	M 180KOHM, F, 1/4W
R717	ERDS2TJ224	C 220KOHM, J, 1/4W
R718	ER0S2CKF1802	M 18KOHM, F, 1/4W
R721	ERDS2TJ473	C 47KOHM, J, 1/4W
R722	ERDS2TJ473	C 47KOHM, J, 1/4W
R723	ERDS2TJ684	C 680KOHM, J, 1/4W
R725	ERDS2TJ102	C 1KOHM, J, 1/4W
R726	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R728	ERDS2TJ223	C 22KOHM, J, 1/4W
R729	ERDS2TJ102	C 1KOHM, J, 1/4W
R730	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R731	TAV1027B203	VARIABLE RESISTOR
R732	TAV1027B502	VARIABLE RESISTOR
R733	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R734	ERDS2TJ183	C 18KOHM, J, 1/4W
R740	ERQ12AJ181P	F 1800OHM, J, 1/2W ▲
R753	ERQ1CJP102S	F 1KOHM, J, 1W ▲
R755	ERDS2TJ103	C 10KOHM, J, 1/4W
R758	ERDS2TJ103	C 10KOHM, J, 1/4W
R759	ERDS2TJ153	C 15KOHM, J, 1/4W
R760	ERDS2TJ153	C 15KOHM, J, 1/4W
R760	ERQ14AJ101P	F 1000OHM, J, 1/4W ▲
R761	ERDS2TJ123	C 12KOHM, J, 1/4W
R762	ERDS2TJ124	C 120KOHM, J, 1/4W
R763	ERDS2TJ273	C 27KOHM, J, 1/4W
R764	ERDS2TJ103	C 10KOHM, J, 1/4W

Ref.No.	Part No.	Description
R765	ERDS2TJ102	C 1KOHM, J, 1/4W
R766	ERDS2TJ473	C 47KOHM, J, 1/4W
R767	ERDS2TJ273	C 27KOHM, J, 1/4W
R768	ERDS2TJ102	C 1KOHM, J, 1/4W
R769	ERDS2TJ102	C 1KOHM, J, 1/4W
R770	ERDS2TJ104	C 100KOHM, J, 1/4W
R771	ERDS2TJ104	C 100KOHM, J, 1/4W
R778	ERQ14AJ151P	F 1500OHM, J, 1/4W ▲
R779	ERDS2TJ224	C 220KOHM, J, 1/4W
R780	ERDS2TJ681	C 680OHM, J, 1/4W
R781	ERDS2TJ102	C 1KOHM, J, 1/4W
R782	ERDS2TJ273	C 27KOHM, J, 1/4W
R783	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R784	ERDS2TJ183	C 18KOHM, J, 1/4W
R785	ERDS1TJ471	C 4700HM, J, 1/2W ▲
R786	ERDS2TJ473	C 47KOHM, J, 1/4W
R787	ERDS2TJ103	C 10KOHM, J, 1/4W
R788	ERDS2TJ153	C 15KOHM, J, 1/4W
R789	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R790	ERDS2TJ182	C 1.8KOHM, J, 1/4W
R791	ERDS2TJ681	C 680OHM, J, 1/4W
R792	ERDS2TJ223	C 22KOHM, J, 1/4W
R793	ERDS2TJ681	C 680OHM, J, 1/4W
R794	ERDS2TJ153	C 15KOHM, J, 1/4W
R795	ECQB1H333JF	P 0.033UF, J, 50V
R795	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R796	ERDS2TJ102	C 1KOHM, J, 1/4W
R797	TAV1027B503	VARIABLE RESISTOR
R798	ERDS2TJ102	C 1KOHM, J, 1/4W
R799	ERDS2TJ273	C 27KOHM, J, 1/4W
R801	ERF10ZKR82	W 0.82OHM, K, 10W
R802	ERX2SJ1R0	M 1.0OHM, J, 2W
R803	ERX2SJ1R0	M 1.0OHM, J, 2W
R804	ERDS2TJ121	C 120OHM, J, 1/4W
R805	ERDS2TJ102	C 1KOHM, J, 1/4W
R806	ERF5ZK1R2	W 1.2OHM, 5W
R807	ERDS2TJ680	C 680HM, J, 1/4W
R808	ERF15ZKR82	W 0.82OHM, 15W
R809	ERF10ZKR7	W 2.7OHM, K, 10W
R811	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R813	ERF15ZJ121	W 120OHM, J, 15W
R815	ERD75TAJ825	C 8.2MOHM, J, 3/4W ▲
R816	ERDS2TJ561	C 5600HM, J, 1/4W

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Ref.No.	Part No.	Description
R817	ERF10ZJ150	W 150OHM, 10W
R819	ERO2CKPR47S	F 0.470HM, K, 2W ▲
R821	ERX2ANJ1R2H	M 1.20HM, J, 2W
R824	ERQ12HKR22	F 0.220HM, K, 1/2W ▲
R827	ERW12PKR39	W 0.390HM, K, 1/2W
R828	ERDS2TJ103	C 10KOHM, J, 1/4W
R829	ERD25TJ823	C 82KOHM, J, 1/4W
R830	ERX1SJR22P	M 0.220HM, J, 1W
R831	ERDS2TJ103	C 10KOHM, J, 1/4W
R832	ERDS2TJ102	C 1KOHM, J, 1/4W
R833	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R834	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R835	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R836	ER050CKF1653	M 165KOHM, F, 1/2W
R837	ERDS2TJ392	C 3.9KOHM, J, 1/4W
R838	ERF2AJ101	W 1000HM, J, 2W
R841	ERG7ZJ472	M 4.7KOHM, 7W
R842	ERG5SJ332H	M 3.3KOHM, J, 5W
R843	ER050CKF3243	M 324KOHM, F, 1/2W
R844	ERG2ANJ333H	M 33KOHM, J, 2W
R845	ERG3SJ333H	M 33KOHM, J, 3W
R846	ER025CKF3002	M 30KOHM, F, 1/4W
R847	ERDS2TJ103	C 10KOHM, J, 1/4W
R848	ERDS2TJ153	C 15KOHM, J, 1/4W
R849	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R850	ERDS2TJ561	C 560OHM, J, 1/4W
R851	ERDS2TJ392	C 3.9KOHM, J, 1/4W
R852	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R853	ERF15ZJ680	W 680HM, 15W
R854	ERG5SJ823H	M 82KOHM, J, 5W
R856	ER050CKF1653	M 165KOHM, F, 1/2W
R858	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R859	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R861	ERDS2TJ271	C 270OHM, J, 1/4W
R862	ERDS2TJ181	C 180OHM, J, 1/4W
R863	ERDS2TJ391	C 390OHM, J, 1/4W
R864	ERDS2TJ273	C 27KOHM, J, 1/4W
R865	ERDS2TJ103	C 10KOHM, J, 1/4W
R866	ERDS2TJ272	C 2.7KOHM, J, 1/4W
R868	ERF7ZK4R7	W 4.70HM, K, 7W
R870	ERC12ZGK335	S 3.3MOHM, K, 1/2W
R877	ERG2ANJ473H	M 47KOHM, J, 2W
R878	ERG2ANJ473H	M 47KOHM, J, 2W

Ref.No.	Part No.	Description
R881	ERDS1TJ154	C 150KOHM, J, 1/2W
R882	ERDS1TJ154	C 150KOHM, J, 1/2W
R883	ERG1ANJ821H	M 820OHM, J, 1W
R884	ERD25TJ561	C 560OHM, J, 1/4W
R885	ERDS2TJ150	C 150HM, J, 1/4W
R891	ERG2SJ473H	M 47KOHM, J, 2W
R892	ERG2SJ473H	M 47KOHM, J, 2W
R901	ERDS2TJ393	C 39KOHM, J, 1/4W
R902	ERDS2TJ471	C 470OHM, J, 1/4W
R903	ERDS2TJ471	C 470OHM, J, 1/4W
R904	ERDS2TJ154	C 150KOHM, J, 1/4W
R905	ERDS2TJ684	C 680KOHM, J, 1/4W
R906	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R907	ERD25FJ100	C 10OHM, J, 1/4W
R908	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R909	ERDS2TJ561	C 560OHM, J, 1/4W
R910	ERDS2TJ104	C 100KOHM, J, 1/4W
R911	ERDS2TJ153	C 15KOHM, J, 1/4W
R912	ERDS2TJ561	C 560OHM, J, 1/4W
R913	ERDS2TJ273	C 27KOHM, J, 1/4W
R914	ERDS2TJ102	C 1KOHM, J, 1/4W
R915	ERDS2TJ101	C 1000HM, J, 1/4W
R916	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R917	ERDS2TJ104	C 100KOHM, J, 1/4W
R918	ERDS2TJ151	C 150OHM, J, 1/4W
R919	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R920	EVND4AA00B23	CONTROL 2KOHMB
R921	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R922	ERDS2TJ104	C 100KOHM, J, 1/4W
R923	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R924	ERDS2TJ822	C 8.2KOHM, J, 1/4W
R925	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R926	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R927	ERDS2TJ393	C 39KOHM, J, 1/4W
R928	ERDS2TJ223	C 22KOHM, J, 1/4W
R929	ERDS2TJ223	C 22KOHM, J, 1/4W
R933	ERDS2TJ393	C 39KOHM, J, 1/4W
R934	ERDS2TJ103	C 10KOHM, J, 1/4W
R935	ERDS2TJ103	C 10KOHM, J, 1/4W
R936	ERDS2TJ182	C 1.8KOHM, J, 1/4W
R937	ERDS2TJ223	C 22KOHM, J, 1/4W
R938	ERD25FJ100	C 10OHM, J, 1/4W
R940	ERDS2TJ103	C 10KOHM, J, 1/4W

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Ref.No.	Part No.	Description
R941	ERDS2TJ562	C 5.6KOHM, J,1/4W
R952	ERDS2TJ203	C 20KOHM, J,1/4W
R953	ERDS2TJ222	C 2.2KOHM, J,1/4W
R954	ERDS2TJ182	C 1.8KOHM, J,1/4W
R955	ERDS2TJ121	C 1200OHM, J,1/4W
R956	ERDS2TJ221	C 2200OHM, J,1/4W
R960	ERQ14AJ100P	F 100OHM, J,1/4W △
R961	ERQ1CJP331S	F 330OHM, J, 1W △
R962	ERD25FJ820	C 820HM, J,1/4W
R963	ERD25FJ820	C 820HM, J,1/4W
R964	ERDS2TJ122	C 1.2KOHM, J,1/4W
R965	ERDS2TJ563	C 56KOHM, J,1/4W
R966	ERDS1FJ471	C 4700OHM, J,1/2W
R967	ERDS2TJ563	C 56KOHM, J,1/4W
R968	ERDS2TJ122	C 1.2KOHM, J,1/4W
R969	ERD25FJ390	C 390HM, J,1/4W
R970	ERDS2TJ2R7	C 2.70HM, J,1/4W
R971	ERDS2TJ2R7	C 2.70HM, J,1/4W
R972	ERD25FJ390	C 390HM, J,1/4W
R973	ERDS1FJ101	C 1000OHM, J,1/2W
R987	ERDS2TJ101	C 1000OHM, J,1/4W
R1050	ERD25TJ101	C 1000OHM, J,1/4W
R1051	ERD25TJ103	C 10KOHM, J,1/4W
R1052	ERD25TJ102	C 1KOHM, J,1/4W
R1056	ERDS2TJ473	C 47KOHM, J,1/4W
R1057	ERDS2TJ473	C 47KOHM, J,1/4W
R1058	ERDS2TJ223	C 22KOHM, J,1/4W
R1061	ERDS2TJ223	C 22KOHM, J,1/4W
R1201	ERG2ANJ123H	M 12KOHM, J, 2W
R1202	ERDS2TJ101	C 1000OHM, J,1/4W
R1203	ERDS2TJ151	C 1500OHM, J,1/4W
R1204	ERDS2TJ203	C 20KOHM, J,1/4W
R1205	ERDS2TJ103	C 10KOHM, J,1/4W
R1206	ERDS2TJ103	C 10KOHM, J,1/4W
R1207	ERDS2TJ103	C 10KOHM, J,1/4W
R1208	ERDS2TJ123	C 12KOHM, J,1/4W
R1210	ERDS2TJ102	C 1KOHM, J,1/4W
R1213	ERDS2TJ223	C 22KOHM, J,1/4W
R1214	ERDS2TJ102	C 1KOHM, J,1/4W
R1216	ERDS2TJ223	C 22KOHM, J,1/4W
R1217	ERD25TJ103	C 10KOHM, J,1/4W
R1220	ERDS2TJ221	C 2200OHM, J,1/4W
R1221	ERDS2TJ472	C 4.7KOHM, J,1/4W

Ref.No.	Part No.	Description
R1222	ERD25TJ102	C 1KOHM, J,1/4W
R1225	ERDS2TJ103	C 10KOHM, J,1/4W
R1226	ERDS2TJ223	C 22KOHM, J,1/4W
R1231	ERDS2TJ562	C 5.6KOHM, J,1/4W
R1232	ERDS2TJ123	C 12KOHM, J,1/4W
R1235	ERDS2TJ222	C 2.2KOHM, J,1/4W
R1236	ERDS2TJ472	C 4.7KOHM, J,1/4W
R1237	ERDS2TJ393	C 39KOHM, J,1/4W
R1238	ERDS2TJ273	C 27KOHM, J,1/4W
R1239	ERD25TJ102	C 1KOHM, J,1/4W
R1240	ER0S2CKF7871	M 7870OHM, F,1/4W
R1242	ER0S2CKF1002	M 10KOHM, F,1/4W
R1243	ER0S2CKF4322	M43.2KOHM, F,1/4W
R1244	ER0S2CKF1002	M 10KOHM, F,1/4W
R1245	ERDS2TJ472	C 4.7KOHM, J,1/4W
R1246	ERDS2TJ100	C 100HM, J,1/4W
R1247	ERD25TJ472	C 4.7KOHM, J,1/4W
R1248	ERD25TJ472	C 4.7KOHM, J,1/4W
R1249	ERDS2TJ100	C 100HM, J,1/4W
R1250	ERDS2TJ100	C 100HM, J,1/4W
R1251	ERDS2TJ153	C 15KOHM, J,1/4W
R1252	ERDS2TJ222	C 2.2KOHM, J,1/4W
R1253	ERDS2TJ102	C 1KOHM, J,1/4W
R1254	ERDS2TJ102	C 1KOHM, J,1/4W
R1255	ERDS2TJ473	C 47KOHM, J,1/4W
R1256	ERDS2TJ473	C 47KOHM, J,1/4W
R1257	ERDS2TJ473	C 47KOHM, J,1/4W
R1258	ERD25TJ393	C 39KOHM, J,1/4W
R1259	ERDS2TJ103	C 10KOHM, J,1/4W
R1260	ERDS2TJ103	C 10KOHM, J,1/4W
R1261	ERD25TJ223	C 22KOHM, J,1/4W
R1262	ERDS2TJ153	C 15KOHM, J,1/4W
R1264	ERDS2TJ103	C 10KOHM, J,1/4W
R1265	ERDS2TJ103	C 10KOHM, J,1/4W
R1266	ER0S2CKF1002	M 10KOHM, F,1/4W
R1267	ER0S2CKF2212	M22.1KOHM, F,1/4W
R1268	ERDS2TJ103	C 10KOHM, J,1/4W
R1269	ERDS2TJ102	C 1KOHM, J,1/4W
R1270	ERDS2TJ103	C 10KOHM, J,1/4W
R1271	ERDS2TJ103	C 10KOHM, J,1/4W
R1272	ERDS2TJ103	C 10KOHM, J,1/4W
R1273	ERDS2TJ103	C 10KOHM, J,1/4W
R1275	ERDS2TJ153	C 15KOHM, J,1/4W

Ref.No.	Part No.	Description
R1276	ERD25TJ102	C 1KOHM, J, 1/4W
R1277	ERDS2TJ473	C 47KOHM, J, 1/4W
R1278	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R1279	ERDS2TJ223	C 22KOHM, J, 1/4W
R1280	ERDS2TJ103	C 10KOHM, J, 1/4W
R1281	ERDS2TJ103	C 10KOHM, J, 1/4W
R1282	ERDS2TJ103	C 10KOHM, J, 1/4W
R1283	ERDS2TJ103	C 10KOHM, J, 1/4W
R1284	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1285	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1286	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1287	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1289	ERDS2TJ153	C 15KOHM, J, 1/4W
R1290	ERDS2TJ153	C 15KOHM, J, 1/4W
R1291	ERDS2TJ153	C 15KOHM, J, 1/4W
R1292	ERDS2TJ393	C 39KOHM, J, 1/4W
R1294	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R1295	ERDS2TJ223	C 22KOHM, J, 1/4W
R1296	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1297	ERDS2TJ223	C 22KOHM, J, 1/4W
R1298	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1299	ERDS2TJ103	C 10KOHM, J, 1/4W
R1315	ERD25TJ103	C 10KOHM, J, 1/4W
R1501	TAV1027B104	VARIABLE RESISTOR
R1502	ERDS2TJ182	C 1.8KOHM, J, 1/4W
R1503	ERDS2TJ102	C 1KOHM, J, 1/4W
R1504	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1506	ERDS2TJ474	C 470KOHM, J, 1/4W
R1507	ERDS2TJ154	C 150KOHM, J, 1/4W
R1508	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R1509	ERDS2TJ154	C 150KOHM, J, 1/4W
R1510	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R1511	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1512	TAV1027B202	CONTROL
R1513	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1514	ERDS2TJ471	C 4700OHM, J, 1/4W
R1515	ERDS2TJ681	C 6800OHM, J, 1/4W
R1516	ERDS2TJ152	C 1.5KOHM, J, 1/4W
R1517	ERG2SJ560H	M 560HM, J, 2W ▲
R1518	ERQ2CJP471S	F 4700HM, J, 2W ▲
R1519	ERDS2TJ561	C 5600HM, J, 1/4W
R1520	ERDS2TJ103	C 10KOHM, J, 1/4W
R1521	ERDS2TJ472	C 4.7KOHM, J, 1/4W

Ref.No.	Part No.	Description
R1522	ERDS2TJ102	C 1KOHM, J, 1/4W
R1523	ERDS2TJ103	C 10KOHM, J, 1/4W
R1524	ERDS2TJ823	C 82KOHM, J, 1/4W
R1525	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1526	ERDS2TJ561	C 5600HM, J, 1/4W
R1527	ERDS2TJ102	C 1KOHM, J, 1/4W
R1529	ERDS2TJ152	C 1.5KOHM, J, 1/4W
R1530	ERDS2TJ152	C 1.5KOHM, J, 1/4W
R1531	ERDS2TJ103	C 10KOHM, J, 1/4W
R1532	ERDS2TJ103	C 10KOHM, J, 1/4W
R1533	ERDS2TJ474	C 470KOHM, J, 1/4W
R1534	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R1535	ERDS2TJ104	C 100KOHM, J, 1/4W
R1540	ERDS2TJ102	C 1KOHM, J, 1/4W
R1541	ERDS2TJ102	C 1KOHM, J, 1/4W
R1542	ERD25TJ223	C 22KOHM, J, 1/4W
R1543	ERD25TJ103	C 10KOHM, J, 1/4W
R1544	ERD25TJ102	C 1KOHM, J, 1/4W
R1545	ERD25TJ102	C 1KOHM, J, 1/4W
R1546	ERD25TJ102	C 1KOHM, J, 1/4W
R1547	ERD25TJ102	C 1KOHM, J, 1/4W
R1550	ERDS2TJ223	C 22KOHM, J, 1/4W
R1555	ERDS2TJ224	C 220KOHM, J, 1/4W
R1556	ERD25TJ274	C 270KOHM, J, 1/4W
R1559	ERD25TJ101	C 1000HM, J, 1/4W
R1560	ERD25TJ101	C 1000HM, J, 1/4W
R1561	ERD25TJ101	C 1000HM, J, 1/4W
R1701	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1702	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1703	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1705	ERDS2TJ103	C 10KOHM, J, 1/4W
R1706	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1707	ERDS2TJ123	C 12KOHM, J, 1/4W
R1708	ERDS2TJ561	C 5600HM, J, 1/4W
R1709	ERDS2TJ105	C 1MOHM, J, 1/4W
R1711	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1712	ERDS2TJ102	C 1KOHM, J, 1/4W
R1713	ERDS2TJ101	C 1000HM, J, 1/4W
R1714	ERDS2TJ223	C 22KOHM, J, 1/4W
R1717	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W
R1718	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1719	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R1720	ERJ6GEYJ123	M 12KOHM, J, 1/10W

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Ref.No.	Part No.	Description
R1721	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W
R1722	ERJ6GEYJ183	M 18KOHM, J, 1/10W
R1723	EVND1AA00B54	CONTROL 50KOHMB
R1724	ERJ6GEYJ273	M 27KOHM, J, 1/10W
R1725	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1726	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1727	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1728	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1730	ERJ6GEYJ183	M 18KOHM, J, 1/10W
R1734	ERDS2TJ103	C 10KOHM, J, 1/4W
R1738	ERJ6GEYJ104	M 100KOHM, J, 1/10W
R1741	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1742	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1743	ERJ6GEYJ272	M 2.7KOHM, J, 1/10W
R1744	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R1746	ERJ6GEYJ331	M 330OHM, J, 1/10W
R1747	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1748	ERJ8GCYJ561	M 560OHM, J, 1/8W
R1749	ERJ6GEYJ273	M 27KOHM, J, 1/10W
R1751	ERDS2TJ183	C 18KOHM, J, 1/4W
R1760	TSC937	CHOKE COIL
R1761	ERDS2TJ823	C 82KOHM, J, 1/4W
R1763	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1764	ERJ6GEYJ273	M 27KOHM, J, 1/10W
R1765	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R1766	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1767	ERDS2TJ103	C 10KOHM, J, 1/4W
R1768	ERDS2TJ103	C 10KOHM, J, 1/4W
R1769	ERJ6GEYJ824	M 820KOHM, J, 1/10W
R1770	ERDS2TJ103	C 10KOHM, J, 1/4W
R1771	ERDS2TJ103	C 10KOHM, J, 1/4W
R1772	ERDS2TJ103	C 10KOHM, J, 1/4W
R1773	ERDS2TJ103	C 10KOHM, J, 1/4W
R1774	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1775	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1776	ERJ8GCYJ561	M 560OHM, J, 1/8W
R1777	ERJ6GEYJ471	M 470OHM, J, 1/10W
R1780	ERDS2TJ561	C 560OHM, J, 1/4W
R1781	EVND1AA00B23	CONTROL 2KOHMB
R1782	EVND1AA00B23	CONTROL 2KOHMB
R1783	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1784	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R1785	EVND1AA00B54	CONTROL 50KOHMB

Ref.No.	Part No.	Description
R1786	EVND1AA00B14	CONTROL 10KOHMB
R1788	ERJ6GEYJ471	M 470OHM, J, 1/10W
R1789	ERJ6GEYJ471	M 470OHM, J, 1/10W
R1790	ERJ6GEYJ471	M 470OHM, J, 1/10W
R1791	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R1792	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R1793	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R1796	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R1798	ERDS2TJ103	C 10KOHM, J, 1/4W
R1803	ERDS2TJ182	C 1.8KOHM, J, 1/4W
R1804	ERDS2TJ102	C 1KOHM, J, 1/4W
R1805	ERDS2TJ102	C 1KOHM, J, 1/4W
R1806	ERJ6GEYJ473	M 47KOHM, J, 1/10W
R1807	ERDS2TJ101	C 100OHM, J, 1/4W
R1808	ERDS2TJ101	C 100OHM, J, 1/4W
R1809	ERDS2TJ101	C 100OHM, J, 1/4W
R1810	ERDS2TJ511	C 510OHM, J, 1/4W
R1812	ERG5SJ390H	M 390HM, J, 5W
R1818	ERJ6GEYJ221	M 220OHM, J, 1/10W
R1819	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1826	ERG3ANJ220H	M 220HM, J, 3W
R1827	ERG3SJ330H	M 330HM, J, 3W
R1829	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1830	ERJ6GEYJ123	M 12KOHM, J, 1/10W
R1831	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W
R1835	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1836	ERDS2TJ561	C 560OHM, J, 1/4W
R1837	ERJ6GEYJ331	M 330OHM, J, 1/10W
R1838	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R1839	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R1840	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1841	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1842	ERJ6GEYJ221	M 220OHM, J, 1/10W
R1843	ERJ6GEYJ561	M 560OHM, J, 1/10W
R1844	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1845	ERJ6GEYJ183	M 18KOHM, J, 1/10W
R1846	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1847	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1849	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W
R1850	ERJ6GEYJ272	M 2.7KOHM, J, 1/10W
R1851	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1852	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1853	ERG1SJ181P	M 1800HM, J, 1W

Ref.No.	Part No.	Description
R1856	ERJ6GEYJ224	M 220KOHM, J, 1/10W
R1857	ERJ6GEYJ124	M 120KOHM, J, 1/10W
R1858	ERJ6ENF2702	M 27KOHM, 1/10W
R1859	ERJ6GEYJ471	M 470OHM, J, 1/10W
R1860	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W
R1862	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1863	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1864	EVND4AA00B24	CONTROL 20KOHMB
R1865	EVND4AA00B34	CONTROL 30KOHMB
R1866	ERJ6GEYJ391	M 390OHM, J, 1/10W
R1867	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R1868	ERJ6GEYJ564	M 560KOHM, J, 1/10W
R1869	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R1870	ERJ6GEYJ683	M 68KOHM, J, 1/10W
R1872	ERJ6GEYJ101	M 100OHM, J, 1/10W
R1873	ERJ6GEYJ221	M 220OHM, J, 1/10W
R1874	ERJ6GEYJ561	M 560OHM, J, 1/10W
R1875	EVND4AA00B13	CONTROL 1KOHMB
R1876	ERJ6GEYJ475	M 4.7MOHM, 1/10W
R1877	ERJ6GEYJ275	M 2.7MOHM, 1/10W
R1878	ERJ6GEYJ475	M 4.7MOHM, 1/10W
R1879	ERJ6GEYJ683	M 68KOHM, J, 1/10W
R1880	ERJ6GEYJ182	M 1.8KOHM, J, 1/10W
R1881	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W
R1882	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1883	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1884	ERDS2TJ682	C 6.8KOHM, J, 1/4W
R1885	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R1886	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R1887	ERDS2TJ122	C 1.2KOHM, J, 1/4W
R1888	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R1889	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R1892	ERDS2TJ102	C 1KOHM, J, 1/4W
R1893	ERJ6GEYJ564	M 560KOHM, J, 1/10W
R1898	ERDS2TJ102	C 1KOHM, J, 1/4W
R1901	ERDS2TJ751	C 750OHM, J, 1/4W
R1902	ERDS2TJ751	C 750OHM, J, 1/4W
R1913	ERJ6GEYJ273	M 27KOHM, J, 1/10W
R1914	ERJ6GEYJ153	M 15KOHM, J, 1/10W
R1915	ERDS2TJ561	C 560OHM, J, 1/4W
R1916	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1917	ERJ6GEYJ823	M 82KOHM, J, 1/10W
R1918	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W

Ref.No.	Part No.	Description
R1923	ERDS2TJ102	C 1KOHM, J, 1/4W
R1924	ERDS2TJ102	C 1KOHM, J, 1/4W
R1925	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1926	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R1927	ERDS2TJ102	C 1KOHM, J, 1/4W
R1928	ERDS2TJ221	C 220OHM, J, 1/4W
R1929	ERDS2TJ221	C 220OHM, J, 1/4W
R1930	ERDS2TJ471	C 470OHM, J, 1/4W
R1934	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R1935	ERDS2TJ221	C 220OHM, J, 1/4W
R1936	ERDS2TJ221	C 220OHM, J, 1/4W
R1937	ERDS2TJ221	C 220OHM, J, 1/4W
R1938	ERDS2TJ221	C 220OHM, J, 1/4W
R1939	ERDS2TJ221	C 220OHM, J, 1/4W
R1940	ERDS2TJ221	C 220OHM, J, 1/4W
R1941	ERDS2TJ221	C 220OHM, J, 1/4W
R1942	ERDS2TJ221	C 220OHM, J, 1/4W
R1943	ERJ6GEYJ154	M 150KOHM, J, 1/10W
R1944	ERDS2TJ222	C 2.2KOHM, J, 1/4W
R1945	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R1946	ERDS2TJ102	C 1KOHM, J, 1/4W
R1947	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W
R1948	EVND1AA00B14	CONTROL 10KOHMB
R1949	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R1950	ERJ6GEYJ101	M 100OHM, J, 1/10W
R1951	ERJ6GEYJ242	M 2.4KOHM, 1/10W
R1952	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R1953	ERJ6GEYJ101	M 100OHM, J, 1/10W
R1954	ERJ6GEYJ242	M 2.4KOHM, 1/10W
R1955	ERDS2TJ102	C 1KOHM, J, 1/4W
R1956	ERDS2TJ562	C 5.6KOHM, J, 1/4W
R1957	ERDS2TJ471	C 470OHM, J, 1/4W
R1958	ERDS2TJ473	C 47KOHM, J, 1/4W
R1959	EVND1AA00B14	CONTROL 10KOHMB
R1961	ERDS2TJ221	C 220OHM, J, 1/4W
R1962	ERDS2TJ123	C 12KOHM, J, 1/4W
R1963	ERDS2TJ391	C 390OHM, J, 1/4W
R1964	ERDS2TJ332	C 3.3KOHM, J, 1/4W
R1965	ERDS2TJ102	C 1KOHM, J, 1/4W
R1966	ERDS2TJ221	C 220OHM, J, 1/4W
R1967	ERDS2TJ221	C 220OHM, J, 1/4W
R1968	ERDS2TJ221	C 220OHM, J, 1/4W
R1969	ERDS2TJ223	C 22KOHM, J, 1/4W

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Ref.No.	Part No.	Description
R1970	ERDS2TJ223	C 22KOHM, J,1/4W
R1971	ERJ6GEYJ472	M 4.7KOHM, J,1/10W
R1972	ERJ6GEYJ182	M 1.8KOHM, J,1/10W
R1973	ERJ6GEYJ103	M 10KOHM, J,1/10W
R1974	ERJ6GEYJ272	M 2.7KOHM, J,1/10W
R1975	ERJ6GEYJ103	M 10KOHM, J,1/10W
R1976	ERDS2TJ101	C 100OHM, J,1/4W
R1977	ERDS2TJ101	C 100OHM, J,1/4W
R1978	ERDS2TJ101	C 100OHM, J,1/4W
R1980	ERDS2TJ101	C 100OHM, J,1/4W
R1981	ERJ6GEYJ822	M 8.2KOHM, J,1/10W
R1982	ERJ6GEYJ822	M 8.2KOHM, J,1/10W
R1984	ERJ6GEYJ101	M 100OHM, J,1/10W
R1985	ERJ8GCYJ561	M 560OHM, J,1/8W
R1986	ERJ6GEYJ183	M 18KOHM, J,1/10W
R1987	ERDS2TJ103	C 10KOHM, J,1/4W
R1988	ERDS2TJ103	C 10KOHM, J,1/4W
R1990	ERDS2TJ102	C 1KOHM, J,1/4W
R1991	ERDS2TJ471	C 470OHM, J,1/4W
R1993	ERDS2TJ152	C 1.5KOHM, J,1/4W
R1994	ERJ6GEYJ102	M 1KOHM, J,1/10W
R1995	ERDS2TJ511	C 510OHM, J,1/4W
R1998	ERJ6GEYJ561	M 560OHM, J,1/10W
R2201	ERDS2TJ102	C 1KOHM, J,1/4W
R2202	ERDS2TJ822	C 8.2KOHM, J,1/4W
R2203	ERDS2TJ223	C 22KOHM, J,1/4W
R2204	ERDS2TJ392	C 3.9KOHM, J,1/4W
R2205	ERD25TJ182	C 1.8KOHM, J,1/4W
R2206	ERDS2TJ102	C 1KOHM, J,1/4W
R2207	ERDS2TJ104	C 100KOHM, J,1/4W
R2208	ERDS2TJ105	C 1MOHM, J,1/4W
R2209	EVND4AA00B14	CONTROL 10KOHMB
R2210	ER0S2CKF4302	M 43KOHM, F,1/4W
R2211	ERDS2TJ332	C 3.3KOHM, J,1/4W
R2212	ERDS2TJ392	C 3.9KOHM, J,1/4W
R2213	EVND4AA00B53	CONTROL 5KOHMB
R2215	ERDS2TJ392	C 3.9KOHM, J,1/4W
R2216	ERDS2TJ103	C 10KOHM, J,1/4W
R2217	ERDS2TJ102	C 1KOHM, J,1/4W
R2218	ERDS2TJ102	C 1KOHM, J,1/4W
R2219	ERDS2TJ473	C 47KOHM, J,1/4W
R2220	EVND4AA00B54	CONTROL 50KOHMB
R2221	EVND4AA00B24	CONTROL 20KOHMB

Ref.No.	Part No.	Description
R2222	ER0S2CKF4422	M 44.2KOHM, F,1/4W
R2223	ERDS1FJ560	C 560HM, J,1/2W
R2228	ERDS2TJ823	C 82KOHM, J,1/4W
R2229	ERDS2TJ103	C 10KOHM, J,1/4W
R2231	ERDS2TJ153	C 15KOHM, J,1/4W
R2232	ERDS2TJ153	C 15KOHM, J,1/4W
R2234	ERDS2TJ154	C 150KOHM, J,1/4W
R2235	ERDS2TJ562	C 5.6KOHM, J,1/4W
R2236	ERDS2TJ822	C 8.2KOHM, J,1/4W
R2238	ER0S2CKF4702	M 47KOHM, F,1/4W
R2245	ERDS2TJ471	C 470OHM, J,1/4W
R2246	ERDS2TJ392	C 3.9KOHM, J,1/4W
R2248	ERDS2TJ104	C 100KOHM, J,1/4W
R2253	ERDS2TJ103	C 10KOHM, J,1/4W
R2254	ERDS2TJ332	C 3.3KOHM, J,1/4W
R2255	EVND4AA00B13	CONTROL 1KOHMB
R2322	ERDS2TJ102	C 1KOHM, J,1/4W
R2324	ERDS2TJ102	C 1KOHM, J,1/4W
R2325	ERD25FJ2R2	C 2.2OHM, J,1/4W
R2326	ERD25FJ2R2	C 2.2OHM, J,1/4W
R2327	ERDS2TJ101	C 100OHM, J,1/4W
R2351	ERDS1TJ471	C 470OHM, J,1/2W
R2352	ERDS1TJ471	C 470OHM, J,1/2W
R2354	ERDS1TJ561	C 560OHM, J,1/2W
R2355	ERDS1TJ561	C 560OHM, J,1/2W
R2356	ERDS1TJ390	C 39OHM, J,1/2W
R2357	ERDS1TJ390	C 39OHM, J,1/2W
R2360	ERDS2TJ104	C 100KOHM, J,1/4W
R2361	ERDS2TJ183	C 18KOHM, J,1/4W
R2363	ERDS2TJ151	C 150OHM, J,1/4W
R2401	ERDS2TJ101	C 100OHM, J,1/4W
R2402	ERDS2TJ101	C 100OHM, J,1/4W
R2403	ERD25TJ103	C 10KOHM, J,1/4W
R2404	ERD25TJ103	C 10KOHM, J,1/4W
R2405	ERDS2TJ824	C 820KOHM, J,1/4W
R2406	ERDS2TJ332	C 3.3KOHM, J,1/4W
R2408	ERDS2TJ681	C 680OHM, J,1/4W
R2409	ERDS2TJ681	C 680OHM, J,1/4W
R2412	ERDS2TJ102	C 1KOHM, J,1/4W
R2413	ERDS2TJ102	C 1KOHM, J,1/4W
R2418	ERDS2TJ102	C 1KOHM, J,1/4W
R2420	ERD25TJ103	C 10KOHM, J,1/4W
R2421	ERD25TJ103	C 10KOHM, J,1/4W

Ref.No.	Part No.	Description
R2422	ERD25TJ102	C 1KOHM, J,1/4W
R2423	ERDS2TJ102	C 1KOHM, J,1/4W
R2424	ERDS2TJ272	C 2.7KOHM, J,1/4W
R2428	ERDS2TJ103	C 10KOHM, J,1/4W
R2429	ERDS2TJ823	C 82KOHM, J,1/4W
R2431	ERDS2TJ222	C 2.2KOHM, J,1/4W
R2432	ERDS2TJ474	C 470KOHM, J,1/4W
R2433	ERDS2TJ101	C 100OHM, J,1/4W
R2434	ERDS2TJ332	C 3.3KOHM, J,1/4W
R2435	ERDS2TJ471	C 470OHM, J,1/4W
R2436	ERDS2TJ682	C 6.8KOHM, J,1/4W
R2437	ERDS2TJ105	C 1MOHM, J,1/4W
R2438	ERDS2TJ101	C 100OHM, J,1/4W
R2439	ERDS2TJ474	C 470KOHM, J,1/4W
R2440	ERDS2TJ222	C 2.2KOHM, J,1/4W
R2441	ERDS2TJ105	C 1MOHM, J,1/4W
R2442	ERDS2TJ471	C 470OHM, J,1/4W
R2443	ERDS2TJ682	C 6.8KOHM, J,1/4W
R2444	ERDS2TJ332	C 3.3KOHM, J,1/4W
R2445	ERDS2TJ103	C 10KOHM, J,1/4W
R2801	ERJ6GEYJ273	M 27KOHM, J,1/10W
R2802	ERJ6GEYJ273	M 27KOHM, J,1/10W
R2803	ERJ6GEYJ273	M 27KOHM, J,1/10W
R2804	ERJ8GCYJ102	M 1KOHM, J,1/8W
R2805	ERJ8GCYJ102	M 1KOHM, J,1/8W
R2806	ERJ8GCYJ102	M 1KOHM, J,1/8W
R2807	ERJ6GEYJ101	M 100OHM, J,1/10W
R2808	ERJ6GEYJ101	M 100OHM, J,1/10W
R2809	ERJ6GEYJ101	M 100OHM, J,1/10W
R2811	ERDS2TJ153	C 15KOHM, J,1/4W
R2812	ERDS2TJ101	C 100OHM, J,1/4W
R2813	ERDS2TJ561	C 560OHM, J,1/4W
R2815	ERJ6GEYJ151	M 150OHM, J,1/10W
R2816	ERJ6GEYJ151	M 150OHM, J,1/10W
R2817	ERJ6GEYJ331	M 330OHM, J,1/10W
R2818	ERJ6GEYJ331	M 330OHM, J,1/10W
R2819	ERJ6GEYJ331	M 330OHM, J,1/10W
R2820	ERJ6GEYJ331	M 330OHM, J,1/10W
R2821	ERDS2TJ471	C 470OHM, J,1/4W
R2822	ERDS2TJ103	C 10KOHM, J,1/4W
R2823	ERDS2TJ223	C 22KOHM, J,1/4W
R2824	ERDS2TJ101	C 100OHM, J,1/4W
R2826	ERDS2TJ122	C 1.2KOHM, J,1/4W

Ref.No.	Part No.	Description
R2828	ERDS2TJ273	C 27KOHM, J,1/4W
R2829	ERDS2TJ332	C 3.3KOHM, J,1/4W
R2831	ERD25TJ221	C 220OHM, J,1/4W
R2832	ERD25TJ221	C 220OHM, J,1/4W
R2833	ERD25TJ221	C 220OHM, J,1/4W
R2835	ERDS2TJ101	C 100OHM, J,1/4W
R3001	ERDS2TJ102	C 1KOHM, J,1/4W
R3002	ERDS2TJ184	C 180KOHM, J,1/4W
R3003	ERDS2TJ102	C 1KOHM, J,1/4W
R3004	ERDS2TJ184	C 180KOHM, J,1/4W
R3005	ERDS2TJ151	C 150OHM, J,1/4W
R3006	ERDS2TJ750	C 75OHM, J,1/4W
R3007	ERDS2TJ331	C 330OHM, J,1/4W
R3008	ERDS2TJ123	C 12KOHM, J,1/4W
R3010	ERDS2TJ750	C 75OHM, J,1/4W
R3012	ERDS2TJ102	C 1KOHM, J,1/4W
R3013	ERDS2TJ184	C 180KOHM, J,1/4W
R3014	ERDS2TJ102	C 1KOHM, J,1/4W
R3015	ERDS2TJ184	C 180KOHM, J,1/4W
R3016	ERJ6GEYJ151	M 150OHM, J,1/10W
R3017	ERJ6GEYJ331	M 330OHM, J,1/10W
R3018	ERJ6GEYJ123	M 12KOHM, J,1/10W
R3020	ERJ6GEYJ750	M 5.1KOHM, J,1/10W
R3021	ERJ6GEYJ331	M 330OHM, J,1/10W
R3022	ERJ6GEYJ102	M 1KOHM, J,1/10W
R3023	ERJ6GEYJ184	M 180KOHM, J,1/10W
R3024	ERJ6GEYJ102	M 1KOHM, J,1/10W
R3025	ERJ6GEYJ184	M 180KOHM, J,1/10W
R3029	ERJ6GEYJ102	M 1KOHM, J,1/10W
R3030	ERJ6GEYJ102	M 1KOHM, J,1/10W
R3031	ERJ6GEYJ101	M 100OHM, J,1/10W
R3032	ERJ8GCYJ561	M 560OHM, J,1/8W
R3033	ERJ6GEYJ223	M 22KOHM, J,1/10W
R3034	ERDS2TJ101	C 100OHM, J,1/4W
R3036	ERJ6GEYJ331	M 330OHM, J,1/10W
R3037	ERJ6GEYJ103	M 10KOHM, J,1/10W
R3038	ERJ6GEYJ223	M 22KOHM, J,1/10W
R3039	ERJ6GEYJ273	M 27KOHM, J,1/10W
R3040	ERJ6GEYJ562	M 5.6KOHM, J,1/10W
R3041	ERJ6GEYJ123	M 12KOHM, J,1/10W
R3042	ERJ6GEYJ123	M 12KOHM, J,1/10W
R3043	ERJ6GEYJ123	M 12KOHM, J,1/10W
R3049	ERDS2TJ103	C 10KOHM, J,1/4W

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Ref.No.	Part No.	Description
R3051	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3056	ERDS2TJ104	C 100KOHM, J, 1/4W
R3057	ERDS2TJ101	C 1000OHM, J, 1/4W
R3058	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3059	ERJ6ENF1101	M 1100OHM, 1/10W
R3060	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W
R3061	ERJ6GEYJ471	M 470OHM, J, 1/10W
R3062	ERJ6GEYJ471	M 470OHM, J, 1/10W
R3063	ERDS2TJ104	C 100KOHM, J, 1/4W
R3064	ERDS2TJ101	C 1000OHM, J, 1/4W
R3065	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R3069	ERD25FJ100	C 100HM, J, 1/4W
R3070	ERDS2TJ221	C 220OHM, J, 1/4W
R3071	ERDS2TJ680	C 68OHM, J, 1/4W
R3074	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3075	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3076	ERJ6GEYJ273	M 27KOHM, J, 1/10W
R3078	ERJ8GCYJ561	M 560OHM, J, 1/8W
R3079	ERJ6GEYJ330	M 330HM, J, 1/10W
R3080	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3082	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3083	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3085	ERJ6GEYJ101	M 1000OHM, J, 1/10W
R3087	ERJ6GEYJ391	M 390OHM, J, 1/10W
R3088	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3089	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R3090	ERJ6GEYJ220	M 220HM, J, 1/10W
R3091	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3093	ERJ6GEYJ101	M 1000OHM, J, 1/10W
R3095	ERJ8GCYJ152	M 1.5KOHM, J, 1/8W
R3098	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3099	ERJ6GEYJ220	M 220HM, J, 1/10W
R3100	ERD25TJ223	C 22KOHM, J, 1/4W
R3103	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R3104	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R3107	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3108	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3109	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R3110	ERJ6GEYJ331	M 330OHM, J, 1/10W
R3111	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R3112	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R3113	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3114	ERJ8GCYJ102	M 1KOHM, J, 1/8W

Ref.No.	Part No.	Description
R3115	ERJ6GEYJ221	M 220OHM, J, 1/10W
R3116	ERJ6GEYJ122	M 1.2KOHM, J, 1/10W
R3117	ERJ6GEYJ331	M 330OHM, J, 1/10W
R3118	ERJ6GEYJ473	M 47KOHM, J, 1/10W
R3119	ERJ6GEYJ333	M 33KOHM, J, 1/10W
R3121	ERDS2TJ153	C 15KOHM, J, 1/4W
R3125	ERDS2TJ564	C 560KOHM, J, 1/4W
R3126	ERDS2TJ474	C 470KOHM, J, 1/4W
R3127	ERDS2TJ153	C 15KOHM, J, 1/4W
R3130	EVND1AA00B13	CONTROL 1KOHMB
R3131	ERDS2TJ334	C 330KOHM, J, 1/4W
R3136	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R3137	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3138	ERJ6ENF6802	M 68KOHM, 1/10W
R3139	ERJ6GEYJ682	M 6.8KOHM, J, 1/10W
R3140	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3141	ERJ6ENF3241	M 3.24KOHM, 1/10W
R3142	ERJ6ENF4701	M 4700OHM, 1/10W
R3143	ERJ6ENF4702	M 47KOHM, 1/10W
R3144	ERJ6ENF4021	M 4.02KOHM, 1/10W
R3145	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3146	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3149	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3150	ERJ6GEYJ271	M 270OHM, J, 1/10W
R3151	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3152	ERJ6GEYJ561	M 560OHM, J, 1/10W
R3153	ERDS2TJ223	C 22KOHM, J, 1/4W
R3154	ERDS2TJ471	C 470OHM, J, 1/4W
R3155	ERJ6GEYJ681	M 680OHM, J, 1/10W
R3156	ERJ6GEYJ331	M 330OHM, J, 1/10W
R3157	ERJ6GEYJ823	M 82KOHM, J, 1/10W
R3158	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R3159	ERDS2TJ472	C 4.7KOHM, J, 1/4W
R3160	ERDS2TJ561	C 560OHM, J, 1/4W
R3161	ERDS2TJ271	C 270OHM, J, 1/4W
R3162	ERDS2TJ561	C 560OHM, J, 1/4W
R3163	ERDS2TJ101	C 100OHM, J, 1/4W
R3165	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3168	ERJ6GEYJ4R7	M 4.7OHM, 1/10W
R3170	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3171	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3172	ERJ6GEYJ101	M 100OHM, J, 1/10W
R3177	ERJ6GEYJ471	M 470OHM, J, 1/10W

Ref.No.	Part No.	Description
R3181	ERJ6GEYJ333	M 33KOHM, J, 1/10W
R3182	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3183	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W
R3184	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3188	ERJ6GEYJ473	M 47KOHM, J, 1/10W
R3189	ERJ6GEYJ104	M 100KOHM, J, 1/10W
R3199	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3200	ERDS2TJ102	C 1KOHM, J, 1/4W
R3266	ERJ6GEYJ681	M 6800HM, J, 1/10W
R3267	ERJ6GEYJ391	M 3900HM, J, 1/10W
R3268	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R3272	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3273	ERJ6GEYJ151	M 1500HM, J, 1/10W
R3274	ERJ6GEYJ123	M 12KOHM, J, 1/10W
R3275	ERJ6GEYJ183	M 18KOHM, J, 1/10W
R3276	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3277	ERJ6GEYJ393	M 39KOHM, J, 1/10W
R3279	ERJ6GEYJ393	M 39KOHM, J, 1/10W
R3280	ERJ6GEYJ474	M 470KOHM, J, 1/10W
R3281	ERJ6GEYJ472	M 4.7KOHM, J, 1/10W
R3282	ERJ6ENF2871	M2.87KOHM, 1/10W
R3283	ERJ6GEYJ512	M 5.1KOHM, 1/10W
R3284	ERJ6ENF2201	M 2.2KOHM, 1/10W
R3285	ERJ6ENF7501	M 75000HM, 1/10W
R3306	ERJ6GEYJ562	M 5.6KOHM, J, 1/10W
R3307	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3308	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3309	ERJ6GEYJ223	M 22KOHM, J, 1/10W
R3310	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R3337	ERJ6GEYJ221	M 2200HM, J, 1/10W
R3338	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3361	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W
R3362	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W
R3363	ERJ6GEYJ331	M 3300HM, J, 1/10W
R3365	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W
R3366	ERJ6GEYJ151	M 1500HM, J, 1/10W
R3367	ERJ6GEYJ391	M 3900HM, J, 1/10W
R3368	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3369	ERJ6GEYJ391	M 3900HM, J, 1/10W
R3370	ERJ6GEYJ273	M 27KOHM, J, 1/10W
R3371	ERJ6GEYJ393	M 39KOHM, J, 1/10W
R3372	ERJ6GEYJ683	M 68KOHM, J, 1/10W
R3373	ERJ6GEYJ822	M 8.2KOHM, J, 1/10W

Ref.No.	Part No.	Description
R3374	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3375	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R3376	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R3377	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R3378	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3379	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3380	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3381	ERJ6GEYJ561	M 5600HM, J, 1/10W
R3382	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W
R3383	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W
R3384	ERJ6GEYJ123	M 12KOHM, J, 1/10W
R3385	ERJ6GEYJ102	M 1KOHM, J, 1/10W
R3386	ERJ6GEYJ152	M 1.5KOHM, J, 1/10W
R3389	ERJ6GEYJ683	M 68KOHM, J, 1/10W
R3393	ERJ6GEYJ133	M 13KOHM, 1/10W
R3394	ERJ6GEYJ392	M 3.9KOHM, J, 1/10W
R3395	ERJ6GEYJ681	M 6800HM, J, 1/10W
R3404	ERJ8GCYJ102	M 1KOHM, J, 1/8W
R3425	ERDS2TJ331	C 3300HM, J, 1/4W
R3426	ERDS2TJ123	C 12KOHM, J, 1/4W
R3427	ERDS2TJ750	C 750HM, J, 1/4W
R3463	ERJ6GEYJ101	M 1000HM, J, 1/10W
R3464	ERJ8GCYJ561	M 5600HM, J, 1/8W
R3466	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W
R3467	ERJ6GEYJ103	M 10KOHM, J, 1/10W
R3468	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W
R3469	ERJ6GEYJ332	M 3.3KOHM, J, 1/10W
CAPACITORS		
C1	ECUX1H104ZFG	C 0.1UF, Z, 50V
C2	ECEA0GKA101	E 100UF, 4V
C101	ECKF1H103ZF	C 0.01UF, Z, 50V
C102	ECEA1CU470	E 47UF, 16V
C103	ECQV1H334JZ	P 0.33UF, J, 50V
C104	ECBA1E103ZF	C 0.01UF, 25V
C105	ECKF1H103ZF	C 0.01UF, Z, 50V
C106	ECEA1CU471	E 470UF, 16V
C107	ECBA1E103ZF	C 0.01UF, 25V
C108	ECBA1E103ZF	C 0.01UF, 25V
C109	ECKF1H103ZF	C 0.01UF, Z, 50V
C111	ECEA16Z22	E 22UF, 16V
C112	ECEA50Z3R3	E 3.3UF, 50V
C113	ECEA50ZR47	E 0.47UF, 50V
C114	ECEA1HN010S	E 1UF, 50V

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Ref.No.	Part No.	Description
C115	ECKF1H103ZF	C 0.01UF, Z, 50V
C116	ECEA1CU470	E 47UF, 16V
C117	ECCF1H100D	C 10PF, D, 50V
C118	ECKF1H103ZF	C 0.01UF, Z, 50V
C120	ECEA50ZR47	E 0.47UF, 50V
C121	ECEA1CU100	E 10UF, 16V
C122	ECEA50ZR47	E 0.47UF, 50V
C125	ECCF1H180JC	C 18PF, J, 50V
C126	ECKF1H103ZF	C 0.01UF, Z, 50V
C127	ECCF1H100D	C 10PF, D, 50V
C128	ECCF1H120JC	C 12PF, J, 50V
C130	ECCF1H080DC	C 8PF, D, 50V
C131	ECCF1H080DC	C 8PF, D, 50V
C132	ECCF1H270JC	C 27PF, J, 50V
C133	ECCF1H070DC	C 7PF, D, 50V
C134	ECKF1H103ZF	C 0.01UF, Z, 50V
C136	ECCF1H180JC	C 18PF, J, 50V
C137	ECCF1H470JC	C 47PF, J, 50V
C138	ECCF1H220JC	C 22PF, J, 50V
C139	ECKF1H103ZF	C 0.01UF, Z, 50V
C140	ECBA1E103ZF	C 0.01UF, 25V
C141	ECQV1H104JZ	P 0.1UF, J, 50V
C142	ECEA1HU470	E 47UF, 50V
C143	ECKF1H103ZF	C 0.01UF, Z, 50V
C144	ECKF1H103ZF	C 0.01UF, Z, 50V
C145	ECQB1H223JF	P 0.022UF, 50V
C148	ECBA1E103ZF	C 0.01UF, 25V
C150	ECCF1H820J	C 82PF, J, 50V
C151	ECEA0JU221	E 220UF, 6.3V
C152	ECCF1H121J	C 120PF, J, 50V
C161	ECEA1CU100	E 10UF, 16V
C166	ECKF1H103ZF	C 0.01UF, Z, 50V
C167	ECEA0JU471	E 470UF, 6.3V
C239	ECCF1H560JR	C 56PF, J, 50V
C240	ECCF1H820JR	C 82PF, J, 50V
C241	ECKF1H103ZF	C 0.01UF, Z, 50V
C242	ECRHA030E41	TRIMMER
C243	ECRHA030E41	TRIMMER
C244	ECCF1H050DC	C 5PF, D, 50V
C245	ECCF1H270JR	C 27PF, J, 50V
C246	ECKF1H103ZF	C 0.01UF, Z, 50V
C247	ECKF1H103ZF	C 0.01UF, Z, 50V
C248	ECKF1H103ZF	C 0.01UF, Z, 50V

Ref.No.	Part No.	Description
C250	ECCF1H560J	C 56PF, J, 50V
C251	ECKF1H103ZF	C 0.01UF, Z, 50V
C301	ECEA1HU010	E 1UF, 50V
C302	ECEA1HUR47	E 0.47UF, 50V
C303	ECKF1H102KB	C 1000PF, K, 50V
C304	ECEA1CU100	E 10UF, 16V
C307	ECKF1H103ZF	C 0.01UF, Z, 50V
C308	ECEA1CFS330	E 33UF, 16V
C310	ECEA1CU100	E 10UF, 16V
C351	ECKD3D102KBN	C 1000PF, K, 2KV
C352	ECEA1HN010S	E 1UF, 50V
C353	ECKF1H331KB	C 330PF, K, 50V
C354	ECKF1H681KB	C 680PF, K, 50V
C355	ECKF1H331KB	C 330PF, K, 50V
C356	ECEA1CU100	E 10UF, 16V
C357	ECKF1H391KB	C 390PF, K, 50V
C358	ECKF1H331KB	C 330PF, K, 50V
C359	ECKF1H391KB	C 390PF, K, 50V
C360	ECEA1CU100	E 10UF, 16V
C361	ECEA1CU471	E 470UF, 16V
C363	ECEA1HU010	E 1UF, 50V
C365	ECQB1H183KF	P 0.018UF, K, 50V
C451	ECEA1CU222	E 2200UF, 16V
C452	ECQB1H103JF	P 0.01UF, 50V
C453	ECSZ25EF1V	T 1UF, 25V
C454	ECEA1VU102	E 1000UF, 35V
C455	ECEA1VU101	E 100UF, 35V
C456	ECQV1H104JZ	P 0.1UF, J, 50V
C457	ECEA1VU222	E 2200UF, 35V
C458	ECEA1HFS1R5	E 1.5UF, 50V
C480	ECQM1104KZ	P 0.1UF, K, 100V
C501	ECKF1H103ZF	C 0.01UF, Z, 50V
C502	ECQB1H333KF	P 0.033UF, K, 50V
C503	ECKF1H471KB	C 470PF, K, 50V
C504	ECEA1HU3R3	E 3.3UF, 50V
C505	ECEA1HN2R2S	E 2.2UF, 50V
C506	ECQV1H104JZ	P 0.1UF, J, 50V
C507	ECCF1H151JC	C 150PF, J, 50V
C508	ECQB1H152KF	P 1500PF, K, 50V
C509	ECCF1H820J	C 82PF, J, 50V
C510	ECKF1H152KB	C 1500PF, K, 50V
C512	ECEA1CU101	E 100UF, 16V
C516	ECCF1H221J	C 220PF, J, 50V

Ref.No.	Part No.	Description
C517	ECCF1H681J	C 680PF, J, 50V
C518	ECQB1H272KF	P 2700PF, K, 50V
C524	ECKD2H331KB2	C 330PF, K, 500V
C529	ECKF1H152KB	C 1500PF, K, 50V
C551	ECKD2H332KB2	C 3300PF, K, 500V
C552	ECKD2H332KB2	C 3300PF, K, 500V
C553	ECEA2CG2R2S	E 2.2UF, 160V
C554	ECEA1VU102	E 1000UF, 35V
C555	ECKD2H471KB2	C 470PF, K, 500V
C556	ECKD2H471KB2	C 470PF, K, 500V
C557	ECEA1EU471	E 470UF, 25V
C558	ECEA2EU330	E 33UF, 250V
C559	ECKD3A331KBN	C 330PF, K, 1KV
C561	ECEA1AU331	E 330UF, 10V
C562	ECKF1H103ZF	C 0.01UF, Z, 50V
C565	ECKD2H821KB2	C 820PF, K, 500V
C566	ECEA1HU100	E 10UF, 50V
C568	ECKD3D122JBN	C 1200PF, J, 2KV ▲
C569	ECQM2273KZ	P 0.027UF, K, 200V ▲
C570	ECEA1EU101	E 100UF, 25V
C571	ECEA1CU100	E 10UF, 16V
C572	ECKF1H103ZF	C 0.01UF, Z, 50V
C574	ECEA0JU101	E 100UF, 6.3V
C577	ECEA0JU470	E 47UF, 6.3V
C578	ECEA1VU330	E 33UF, 35V
C579	ECKD3D102JBN	C 1000PF, J, 2KV ▲
C580	ECES2DU221E	E 220UF, 200V
C582	ECKD3D152JBN	C 1500PF, J, 2KV ▲
C583	ECKD2H221KB2	C 220PF, K, 500V
C601	ECKF1H103ZF	C 0.01UF, Z, 50V
C602	ECKF1H103ZF	C 0.01UF, Z, 50V
C603	ECQB1H563KF	P 0.056UF, K, 50V
C604	ECQB1H563KF	P 0.056UF, K, 50V
C605	ECKF1H103ZF	C 0.01UF, Z, 50V
C606	ECEA1CFS471	E 470UF, 16V
C607	ECKF1H103ZF	C 0.01UF, Z, 50V
C609	ECEA1HUR47	E 0.47UF, 50V
C611	ECQV1H104JZ	P 0.1UF, J, 50V
C612	ECEA1HUR47	E 0.47UF, 50V
C613	ECQV1H104JZ	P 0.1UF, J, 50V
C614	ECEA1HUR47	E 0.47UF, 50V
C615	ECQV1H104JZ	P 0.1UF, J, 50V
C616	ECCF1H330JC	C 33PF, J, 50V

Ref.No.	Part No.	Description
C617	ECCF1H120JC	C 12PF, J, 50V
C618	ECCF1H151J	C 150PF, J, 50V
C619	ECQB1H103KF	P 0.01UF, K, 50V
C620	ECEA1HN2R2S	E 2.2UF, 50V
C621	ECCF1H220JC	C 22PF, J, 50V
C622	ECCF1H270JC	C 27PF, J, 50V
C623	ECEA1HU2R2	E 2.2UF, 50V
C624	ECKF1H103ZF	C 0.01UF, Z, 50V
C625	ECQV1H104JZ	P 0.1UF, J, 50V
C626	ECQV1H104JZ	P 0.1UF, J, 50V
C627	ECKF1H103ZF	C 0.01UF, Z, 50V
C628	ECKF1H103ZF	C 0.01UF, Z, 50V
C630	ECEA1CU102	E 1000UF, 16V
C631	ECKF1H103ZF	C 0.01UF, Z, 50V
C632	ECQB1H563KF	P 0.056UF, K, 50V
C637	ECEA1CU100	E 10UF, 16V
C650	ECCF1H181JC	C 180PF, J, 50V
C651	ECCF1H181JC	C 180PF, J, 50V
C652	ECCF1H121JC	C 120PF, J, 50V
C653	ECCF1H330JC	C 33PF, J, 50V
C654	ECCF1H180JU	C 18PF, J, 50V
C655	ECCF1H680JC	C 68PF, J, 50V
C656	ECEA1CU100	E 10UF, 16V
C657	ECKF1H103ZF	C 0.01UF, Z, 50V
C658	ECCF1H680JC	C 68PF, J, 50V
C659	ECCF1H680JC	C 68PF, J, 50V
C660	ECKF1H103ZF	C 0.01UF, Z, 50V
C661	ECQV1H563JZ	P 0.056UF, J, 50V
C662	ECKF1H103ZF	C 0.01UF, Z, 50V
C663	ECCF1H680JC	C 68PF, J, 50V
C664	ECCF1H150JU	C 15PF, J, 50V
C665	ECCF1H221JC	C 220PF, J, 50V
C666	ECKF1H103ZF	C 0.01UF, Z, 50V
C668	ECCF1H300J	C 30PF, J, 50V
C669	EXFP3330MW	CAPACITOR ARRAY
C701	ECEA1EN330S	E 33UF, 25V
C702	ECEA1EN4R7S	E 4.7UF, 25V
C703	ECEA1EN330S	E 33UF, 25V
C710	ECEA1VU470	E 47UF, 35V
C711	ECEA0JU471	E 470UF, 6.3V
C712	ECQB1H104JF	P 0.1UF, 50V
C713	ECQB1H104JF	P 0.1UF, 50V
C715	ECEA1VGE101	E 100UF, 35V

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Ref.No.	Part No.	Description
C716	ECEA1HN4R7S	E 4.7UF, 50V
C719	ECQB1H183JF	P 0.018UF, J, 50V
C751	ECWF2H334JNY	P 0.33UF, J, 200V △
C753	ECQF4333JZ	P 0.033UF, J, 400V △
C754	ECWH12H123JS	P 0.012UF, J, 1.2KV △
C755	ECKD3D222JBN	C 2200PF, J, 2KV △
C756	ECKD3D102JBN	C 1000PF, J, 2KV △
C758	ECEA1HW4R7S	E 4.7UF, 50V
C760	ECEA2CUR47	E 0.47UF, 160V
C761	ECWF2H184JNY	P 0.18UF, J, 200V △
C789	ECEA1CN100S	E 10UF, 16V
C790	ECEA1HN3R3S	E 3.3UF, 50V
C791	ECQB1H103JF	P 0.01UF, 50V
C792	ECEA1HN3R3S	E 3.3UF, 50V
C793	ECQB1H103JF	P 0.01UF, 50V
C794	ECEA1CN100S	E 10UF, 16V
C796	ECEA1VU470	E 47UF, 35V
C797	ECEA1CN100S	E 10UF, 16V
C798	ECEA1HU100	E 10UF, 50V
C799	ECQF2224JZ	P 0.22UF, 200V △
C803	ECQB1H183KF	P 0.018UF, K, 50V
C804	ECA1EFZ181E	E 180UF, 25V
C806	ECKD3D471KBN	C 470PF, K, 2KV
C808	ECET2FR331SW	E 330UF, 315V
C809	ECET2FR331SW	E 330UF, 315V
C810	ECQB1H224JF	P 0.22UF, J, 50V
C811	ECKD3D182KBN	C 1800PF, K, 2KV
C812	ECKD2H222KB2	C 2200PF, K, 500V
C813	ECKD2H102KB2	C 1000PF, K, 500V
C814	ECEA1EU222	E 2200UF, 25V
C815	ECEA1HU102	E 1000UF, 50V
C816	ECKDNS471MBJ	C 470PF, M, △
C817	ECKD2H472PU	C 4700PF, P, 500V
C818	ECKD2H472PU	C 4700PF, P, 500V
C819	ECKD2H472PU	C 4700PF, P, 500V
C820	ECKD2H472PU	C 4700PF, P, 500V
C821	ECKD3D222KBN	C 2200PF, K, 2KV
C822	ECQV1H823JZ	P 0.082UF, J, 50V
C823	ECEA1CU471	E 470UF, 16V
C824	ECKD2H471KB2	C 470PF, K, 500V
C825	ECEA1HU010	E 1UF, 50V
C826	ECEA1EU330	E 33UF, 25V
C828	ECOS2PA271BA	E 270UF, 180V

Ref.No.	Part No.	Description
C829	ECEA1CU102	E 1000UF, 16V
C831	ECQB1H103KF	P 0.01UF, K, 50V
C832	ECQV1H104JZ	P 0.1UF, J, 50V
C833	ECEA1CU220	E 22UF, 16V
C834	ECQB1H104JF	P 0.1UF, 50V
C837	ECKD3D271KB4	C 270PF, J, 2KV
C840	ECEA2WG3R3S	E 3.3UF, 450V
C841	ECEA1VGE471	E 470UF, 35V
C842	ECKD2H472PU	C 4700PF, P, 500V
C845	ECKD2H472PU	C 4700PF, P, 500V
C847	ECKD3A472KBK	C 4700PF, K, 1KV
C850	ECEA1CFS470	E 47UF, 16V
C851	ECKF1H102KB	C 1000PF, K, 50V
C852	ECQV1H104JZ	P 0.1UF, J, 50V
C853	ECEA0JU221	E 220UF, 6.3V
C860	ECKF1H222KB	C 2200PF, K, 50V
C870	ECQU2A104MN	P 0.1UF, M, 250V △
C872	ECQU2A104MN	P 0.1UF, M, 250V △
C874	ECKDNS471MBJ	C 470PF, M, △
C875	ECKDNS221MBJ	C 220PF, M
C881	ECEA1HFS470	E 47UF, 50V
C883	ECQM2103KZ	P 0.01UF, K, 200V
C884	ECKD3A102JBN	C 1000PF, J, 1KV
C885	ECEA1CU331	E 330UF, 16V
C886	ECKF1H103ZF	C 0.01UF, Z, 50V
C887	ECKD2H102KB2	C 1000PF, K, 500V
C888	ECKD2H101KB2	C 100PF, K, 500V
C889	ECEA1AU331	E 330UF, 10V
C901	ECKF1H471KB	C 470PF, K, 50V
C902	ECEA1HUR47	E 0.47UF, 50V
C903	ECEA1CU100	E 10UF, 16V
C904	ECEA1CN330S	E 33UF, 16V
C905	ECEA1CU471	E 470UF, 16V
C908	ECKF1H181KB	C 180PF, K, 50V
C910	ECEA1CU331	E 330UF, 16V
C911	ECQB1H392KF	P 3900PF, K, 50V
C912	ECQB1H103KF	P 0.01UF, K, 50V
C913	ECQB1H272KF	P 2700PF, K, 50V
C914	ECQB1H562KF	P 5600PF, K, 50V
C915	ECQB1H103KF	P 0.01UF, K, 50V
C916	ECEA1HU010	E 1UF, 50V
C917	ECEA1HU3R3	E 3.3UF, 50V
C918	ECEA1CU330	E 33UF, 16V

Ref.No.	Part No.	Description
C952	ECEA1CU100	E 10UF, 16V
C953	ECKF1H103ZF	C 0.01UF, Z, 50V
C954	ECKF1H271KB	C 270PF, K, 50V
C958	ECEA2CU100	E 10UF, 160V
C959	ECKD2H472KB2	C 4700PF, K, 500V
C960	ECCF1H151J	C 150PF, J, 50V
C961	ECEA2CU100	E 10UF, 160V
C962	ECKD2H472KB2	C 4700PF, K, 500V
C963	ECCF1H151J	C 150PF, J, 50V
C964	ECEA0JU101	E 100UF, 6.3V
C966	ECEA0JU101	E 100UF, 6.3V
C967	ECEA1AU331	E 330UF, 10V
C972	ECKF1H101KB	C 100PF, K, 50V
C973	ECKF1H101KB	C 100PF, K, 50V
C1050	ECEA1HU470	E 47UF, 50V
C1206	ECEA1HU330	E 33UF, 50V
C1207	ECQV1H474JZ	P 0.47UF, J, 50V
C1208	ECQV1H334JZ	P 0.33UF, J, 50V
C1210	ECEA1CK100	E 10UF, 16V
C1211	ECKF1H101KB	C 100PF, K, 50V
C1212	ECEA1AU471	E 470UF, 10V
C1215	ECKF1H102KB	C 1000PF, K, 50V
C1216	ECKF1H102KB	C 1000PF, K, 50V
C1220	ECCF1H680J	C 68PF, J, 50V
C1221	ECKF1H103ZF	C 0.01UF, Z, 50V
C1222	ECEA0JU471	E 470UF, 6.3V
C1226	ECEA1CU220	E 22UF, 16V
C1228	ECKD2H331KB2	C 330PF, K, 500V
C1230	ECEA1CU331	E 330UF, 16V
C1231	ECEA0JU331	E 330UF, 6.3V
C1232	ECEA1CU100	E 10UF, 16V
C1234	ECEA1CU101	E 100UF, 16V
C1235	ECEA1HU2R2	E 2.2UF, 50V
C1236	ECEA1HU2R2	E 2.2UF, 50V
C1241	ECCF1H101J	C 100PF, J, 50V
C1242	ECCF1H101J	C 100PF, J, 50V
C1243	ECCF1H101J	C 100PF, J, 50V
C1249	ECKF1H103ZF	C 0.01UF, Z, 50V
C1251	ECKF1H101KB	C 100PF, K, 50V
C1253	ECKF1H101KB	C 100PF, K, 50V
C1257	ECKF1H101KB	C 100PF, K, 50V
C1258	ECCF1H220J	C 22PF, J, 50V
C1501	ECKF1H101KB	C 100PF, K, 50V

Ref.No.	Part No.	Description
C1502	ECEA1CU222	E 2200UF, 16V
C1504	ECEA1HU470	E 47UF, 50V
C1505	ECQB1H103KF	P 0.01UF, K, 50V
C1506	ECQB1H124KF	P 0.12UF, K, 50V
C1507	ECQB1H473KF	P 0.047UF, K, 50V
C1508	ECQV1H224JZ	P 0.22UF, J, 50V
C1509	ECEA1CU100	E 10UF, 16V
C1510	ECEA1CU470	E 47UF, 16V
C1511	ECEA1CU331	E 330UF, 16V
C1701	ECCF1H120JC	C 12PF, J, 50V
C1702	ECCF1H120JC	C 12PF, J, 50V
C1706	ECEA1HU010	E 1UF, 50V
C1707	ECEA1CN220S	E 22UF, 16V
C1708	ECUX1H820JCM	C 82PF, J, 50V
C1709	ECEA1CN100S	E 10UF, 16V
C1712	ECEA1CU220	E 22UF, 16V
C1715	ECEA1CU220	E 22UF, 16V
C1718	ECEA1CU220	E 22UF, 16V
C1724	ECEA1HN010S	E 1UF, 50V
C1727	ECEA1HN010S	E 1UF, 50V
C1741	ECKF1H103ZF	C 0.01UF, Z, 50V
C1742	ECEA1CU330	E 33UF, 16V
C1754	ECEA1CU221	E 220UF, 16V
C1756	ECEA1CU101	E 100UF, 16V
C1758	ECUX1H181JCM	C 180PF, J, 50V
C1760	ECEA0JU221	E 220UF, 6.3V
C1762	ECEA1CN220S	E 22UF, 16V
C1800	ECCF1H121JC	C 120PF, J, 50V
C1807	ECQB1H562KF	P 5600PF, K, 50V
C1814	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1816	ECEA1CU470	E 47UF, 16V
C1817	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1818	ECEA1CU471	E 470UF, 16V
C1819	ECUX1H820JCM	C 82PF, J, 50V
C1820	ECEA1HUR47	E 0.47UF, 50V
C1821	ECEA1HU010	E 1UF, 50V
C1822	ECQB1H104KF	P 0.1UF, K, 50V
C1823	ECQB1H104KF	P 0.1UF, K, 50V
C1824	ECQB1H104KF	P 0.1UF, K, 50V
C1825	ECEA1CU101	E 100UF, 16V
C1826	ECQB1H104KF	P 0.1UF, K, 50V
C1827	ECQB1H122JF	P 1200PF, J, 50V
C1828	ECUX1H102KBM	C 1000PF, K, 50V

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Ref.No.	Part No.	Description
C1829	ECUX1H471KBM	C 470PF, K, 50V
C1830	ECEA1HN2R2S	E 2.2UF, 50V
C1831	ECUX1H181JCM	C 180PF, J, 50V
C1832	ECUX1H121JCM	C 120PF, J, 50V
C1833	ECUX1H820JCM	C 82PF, J, 50V
C1834	ECUX1H330JCM	C 33PF, J, 50V
C1835	ECUX1H680JCM	C 68PF, J, 50V
C1836	ECUX1H180JUM	C 18PF, J, 50V
C1837	ECUX1H680JCM	C 68PF, J, 50V
C1838	ECUX1H680JCM	C 68PF, J, 50V
C1839	ECEA1CU100	E 10UF, 16V
C1840	ECUX1H150JUM	C 15PF, J, 50V
C1841	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1843	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1844	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1845	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1846	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1847	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1848	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1850	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1851	ECQB1H563KF	P 0.056UF, K, 50V
C1852	ECQB1H563KF	P 0.056UF, K, 50V
C1853	ECQB1H563KF	P 0.056UF, K, 50V
C1854	ECUX1H270JCM	C 27PF, J, 50V
C1855	ECUX1H220JCM	C 22PF, J, 50V
C1856	ECUX1H120JCM	C 12PF, J, 50V
C1857	ECUX1H330JCM	C 33PF, J, 50V
C1858	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1859	ECUX1H680JCM	C 68PF, J, 50V
C1860	ECQB1H103KF	P 0.01UF, K, 50V
C1861	ECEA1HN2R2S	E 2.2UF, 50V
C1862	ECEA1HU2R2	E 2.2UF, 50V
C1863	ECUX1H270JCM	C 27PF, J, 50V
C1864	ECUX1H221KBM	C 220PF, K, 50V
C1865	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1867	ECUX1H221JCM	C 220PF, J, 50V
C1870	ECKF1H103ZF	C 0.01UF, Z, 50V
C1871	ECEA1EU221	E 220UF, 25V
C1872	ECKD2H331KB2	C 330PF, K, 500V
C1873	ECUX1H121JCM	C 120PF, J, 50V
C1874	ECUX1H030DCM	C 3PF, D, 50V
C1875	ECUX1H101JCM	C 100PF, J, 50V
C1876	ECUX1H101JCM	C 100PF, J, 50V

Ref.No.	Part No.	Description
C1877	ECUX1H101JCM	C 100PF, J, 50V
C1878	ECUX1H820JCM	C 82PF, J, 50V
C1883	ECUX1H102KBM	C 1000PF, K, 50V
C1887	ECEA0JU331	E 330UF, 6.3V
C1888	ECKF1H103ZF	C 0.01UF, Z, 50V
C1889	ECKF1H103ZF	C 0.01UF, Z, 50V
C1890	ECEA0JU471	E 470UF, 6.3V
C1891	ECEA1HU2R2	E 2.2UF, 50V
C1892	ECKF1H103ZF	C 0.01UF, Z, 50V
C1893	ECCF1H100DC	C 10PF, D, 50V
C1894	ECKF1H103ZF	C 0.01UF, Z, 50V
C1895	ECKF1H103ZF	C 0.01UF, Z, 50V
C1896	ECEA0JU331	E 330UF, 6.3V
C1897	ECEA0JU331	E 330UF, 6.3V
C1899	ECEA1HU4R7	E 4.7UF, 50V
C1903	ECKF1H103ZF	C 0.01UF, Z, 50V
C1904	ECEA1HU4R7	E 4.7UF, 50V
C1905	ECKF1H103ZF	C 0.01UF, Z, 50V
C1906	ECUX1H221KBM	C 220PF, K, 50V
C1907	ECUX1H221KBM	C 220PF, K, 50V
C1908	ECEA1EN4R7S	E 4.7UF, 25V
C1909	ECEA1EN4R7S	E 4.7UF, 25V
C1910	ECEA1EU4R7	E 4.7UF, 25V
C1911	ECEA1EN4R7S	E 4.7UF, 25V
C1912	ECEA1HU4R7	E 4.7UF, 50V
C1913	ECEA1HU4R7	E 4.7UF, 50V
C1914	ECKF1H103ZF	C 0.01UF, Z, 50V
C1915	ECEA1HN010S	E 1UF, 50V
C1916	ECEA1HN010S	E 1UF, 50V
C1917	ECEA1HN010S	E 1UF, 50V
C1918	ECEA1HU010	E 1UF, 50V
C1919	ECEA1HU010	E 1UF, 50V
C1920	ECEA1HN010S	E 1UF, 50V
C1921	ECEA1HN010S	E 1UF, 50V
C1922	ECEA1HU010	E 1UF, 50V
C1923	ECEA1HU010	E 1UF, 50V
C1924	ECEA1HU010	E 1UF, 50V
C1925	ECEA1CU331	E 330UF, 16V
C1926	ECKF1H471KB	C 470PF, K, 50V
C1932	ECEA1HU4R7	E 4.7UF, 50V
C1933	ECEA1CU100	E 10UF, 16V
C1936	ECEA1CU100	E 10UF, 16V
C1938	ECEA1CN330S	E 33UF, 16V

Ref.No.	Part No.	Description
C1939	ECCF1H470J	C 47PF, J, 50V
C1940	ECEA0JU470	E 47UF, 6.3V
C1941	ECEA0JU470	E 47UF, 6.3V
C1942	ECCF1H470J	C 47PF, J, 50V
C1943	ECCF1H101J	C 100PF, J, 50V
C1944	ECCF1H221J	C 220PF, J, 50V
C1945	ECEA1CU220	E 22UF, 16V
C1946	ECCF1H101J	C 100PF, J, 50V
C1947	ECCF1H221J	C 220PF, J, 50V
C1948	ECQV1H473JZ	P 0.047UF, J, 50V
C1949	ECEA1HU3R3	E 3.3UF, 50V
C1950	ECEA1CN100S	E 10UF, 16V
C1951	ECQB1H333KF	P 0.033UF, K, 50V
C1952	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1953	ECEA1HU010	E 1UF, 50V
C1954	ECEA1HU010	E 1UF, 50V
C1955	ECEA1HU010	E 1UF, 50V
C1956	ECEA1HU4R7	E 4.7UF, 50V
C1957	ECEA1HU4R7	E 4.7UF, 50V
C1968	ECEA0JU331	E 330UF, 6.3V
C1970	ECQV1H564JZ	P 0.56UF, J, 50V
C1971	ECUX1H821KBM	C 820PF, K, 50V
C1972	ECEA1HU010	E 1UF, 50V
C1974	ECUX1H223KBM	C 0.022UF, K, 50V
C1975	ECCF1H560JC	C 56PF, J, 50V
C1981	ECEA0JU101	E 100UF, 6.3V
C1987	ECEA1CN470S	E 47UF, 16V
C1990	ECKF1H103ZF	C 0.01UF, Z, 50V
C1992	ECUX1H151JCM	C 150PF, J, 50V
C1994	ECUX1H103ZFM	C 0.01UF, Z, 50V
C1996	ECKF1H103ZF	C 0.01UF, Z, 50V
C1997	ECEA1CU101	E 100UF, 16V
C1998	ECKF1H103ZF	C 0.01UF, Z, 50V
C1999	ECEA0JU101	E 100UF, 6.3V
C2201	ECEA1CN100S	E 10UF, 16V
C2202	ECQB1H123JF	P 0.012UF, J, 50V
C2203	ECQB1H562JF	P 5600PF, J, 50V
C2204	ECEA1HNR22S	E 0.22UF, 50V
C2205	ECEA1CU470	E 47UF, 16V
C2206	ECEA1CU101	E 100UF, 16V
C2207	ECQB1H272JF	P 2700PF, J, 50V
C2208	ECEA1EU4R7	E 4.7UF, 25V
C2209	ECSZ16EF10V	T 10UF, 16V

Ref.No.	Part No.	Description
C2210	ECEA1HU010	E 1UF, 50V
C2211	ECSZ16EF3R3V	T 3.3UF, 16V
C2212	ECEA1EN4R7S	E 4.7UF, 25V
C2213	ECEA1EN4R7S	E 4.7UF, 25V
C2214	ECQB1H473JF	P 0.047UF, J, 50V
C2215	ECEA1EU4R7	E 4.7UF, 25V
C2219	ECEA1HUR47	E 0.47UF, 50V
C2223	ECEA1EU4R7	E 4.7UF, 25V
C2224	ECQB1H102JF	P 1000PF, 50V
C2250	ECEA1CN100S	E 10UF, 16V
C2306	ECEA1EU101	E 100UF, 25V
C2307	ECEA1EU101	E 100UF, 25V
C2308	ECQB1H682KF	P 6800PF, K, 50V
C2309	ECQB1H682KF	P 6800PF, K, 50V
C2311	ECEA1EU101	E 100UF, 25V
C2312	ECEA1VU102	E 1000UF, 35V
C2313	ECEA1VU102	E 1000UF, 35V
C2317	ECEA1CU100	E 10UF, 16V
C2318	ECEA1CU100	E 10UF, 16V
C2319	ECQV1H104JZ	P 0.1UF, J, 50V
C2320	ECQV1H104JZ	P 0.1UF, J, 50V
C2321	ECEA1HU102	E 1000UF, 50V
C2322	ECEA1CU220	E 22UF, 16V
C2351	ECKF1H472KB	C 4700PF, K, 50V
C2352	ECKF1H472KB	C 4700PF, K, 50V
C2353	ECKF1H102KB	C 1000PF, K, 50V
C2401	ECEA1HN2R2S	E 2.2UF, 50V
C2402	ECEA1HN2R2S	E 2.2UF, 50V
C2403	ECEA1CU470	E 47UF, 16V
C2404	ECEA1HU010	E 1UF, 50V
C2405	ECEA1CU100	E 10UF, 16V
C2406	ECQB1H823KF	P 0.082UF, K, 50V
C2407	ECQV1H104JZ	P 0.1UF, J, 50V
C2408	ECQB1H222KF	P 2200PF, K, 50V
C2409	ECQB1H223KF	P 0.022UF, K, 50V
C2410	ECQB1H223KF	P 0.022UF, K, 50V
C2411	ECEA1HN2R2S	E 2.2UF, 50V
C2412	ECEA1HN2R2S	E 2.2UF, 50V
C2415	ECEA1CU100	E 10UF, 16V
C2418	ECEA1CU470	E 47UF, 16V
C2419	ECEA1CU100	E 10UF, 16V
C2421	ECEA1CU100	E 10UF, 16V
C2422	ECEA1CU100	E 10UF, 16V

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Ref.No.	Part No.	Description	
C2426	ECEA1CU100	E	10UF, 16V
C2427	ECEA1CU100	E	10UF, 16V
C2429	ECQB1H103KF	P	0.01UF, K, 50V
C2430	ECQB1H103KF	P	0.01UF, K, 50V
C2431	ECEA1HUR33	E	0.33UF, 50V
C2432	ECEA1HUR33	E	0.33UF, 50V
C2433	ECEA1HU010	E	1UF, 50V
C2434	ECEA1HN010S	E	1UF, 50V
C2435	ECQB1H123KF	P	0.012UF, K, 50V
C2436	ECEA1HN010S	E	1UF, 50V
C2437	ECEA1HN010S	E	1UF, 50V
C2438	ECCF1H101J	C	100PF, J, 50V
C2439	ECEA1HN010S	E	1UF, 50V
C2440	ECQB1H123KF	P	0.012UF, K, 50V
C2441	ECEA1HN010S	E	1UF, 50V
C2442	ECEA1HN010S	E	1UF, 50V
C2443	ECCF1H101J	C	100PF, J, 50V
C2444	ECKF1H103ZF	C	0.01UF, Z, 50V
C2801	ECQB1H332JF	P	3300PF, J, 50V
C2805	ECKF1H181KB	C	180PF, K, 50V
C2807	ECKF1H821KB	C	820PF, K, 50V
C2809	ECQB1H333JF	P	0.033UF, J, 50V
C2811	ECKF1H103ZF	C	0.01UF, Z, 50V
C2813	ECQB1H104KF	P	0.1UF, K, 50V
C3001	ECKF1H103ZF	C	0.01UF, Z, 50V
C3002	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3004	ECEA1HN010S	E	1UF, 50V
C3005	ECEA1HN010S	E	1UF, 50V
C3006	ECEA1HU010	E	1UF, 50V
C3007	ECEA1HN010S	E	1UF, 50V
C3009	ECEA1HN010S	E	1UF, 50V
C3010	ECEA1HU010	E	1UF, 50V
C3011	ECEA1CU101	E	100UF, 16V
C3012	ECEA1CN100S	E	10UF, 16V
C3013	ECEA1CU220	E	22UF, 16V
C3015	ECEA1CU220	E	22UF, 16V
C3017	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3018	ECEA1HN010S	E	1UF, 50V
C3020	ECEA1HN010S	E	1UF, 50V
C3021	ECEA1CKA101	E	100UF, 16V
C3022	ECEA1AKA221	E	220UF, 10V
C3025	ECEA1AKA221	E	220UF, 10V
C3029	ECUX1H820JCM	C	82PF, J, 50V

Ref.No.	Part No.	Description	
C3031	ECUX1H220JM	C	22PF, J, 50V
C3036	ECEA1CN100S	E	10UF, 16V
C3037	ECEA1HU010	E	1UF, 50V
C3039	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3043	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3044	ECUX1H181JM	C	180PF, J, 50V
C3045	ECEA1CU100	E	10UF, 16V
C3046	ECEA1CU220	E	22UF, 16V
C3047	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3052	ECEA1CN220S	E	22UF, 16V
C3055	ECUX1H221JM	C	220PF, J, 50V
C3056	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3057	ECQB1H472KF	P	4700PF, K, 50V
C3059	ECEA1CU470	E	47UF, 16V
C3060	ECEA1HN010S	E	1UF, 50V
C3061	ECEA1CN220S	E	22UF, 16V
C3061	ECEA1EU4R7	E	4.7UF, 25V
C3062	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3064	ECEA1CU100	E	10UF, 16V
C3065	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3066	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3067	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3068	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3069	ECEA1CU470	E	47UF, 16V
C3070	ECUX1H221JM	C	220PF, J, 50V
C3071	ECQB1H103KF	P	0.01UF, K, 50V
C3072	ECCF1H100D	C	10PF, D, 50V
C3073	ECCF1H100D	C	10PF, D, 50V
C3074	ECEA1CU470	E	47UF, 16V
C3075	ECEA1CU101	E	100UF, 16V
C3077	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3078	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3079	ECQB1H103KF	P	0.01UF, K, 50V
C3080	ECEA1CN470S	E	47UF, 16V
C3081	ECUX1H100DM	C	10PF, D, 50V
C3082	ECUX1H100DM	C	10PF, D, 50V
C3083	ECUX1H103ZFM	C	0.01UF, Z, 50V
C3085	ECUX1H820JCM	C	82PF, J, 50V
C3103	ECUX1H100DM	C	10PF, D, 50V
C3104	ECUX1H101JM	C	100PF, J, 50V
C3105	ECUX1H102KBM	C	1000PF, K, 50V
C3106	ECUX1H102KBM	C	1000PF, K, 50V
C3107	ECEA1CN220S	E	22UF, 16V

Ref.No.	Part No.	Description
C3111	ECUX1H102KBM	C 1000PF, K, 50V
C3112	ECUX1H102KBM	C 1000PF, K, 50V
C3113	ECUX1H102KBM	C 1000PF, K, 50V
C3114	ECUX1H102KBM	C 1000PF, K, 50V
C3115	ECUX1H102KBM	C 1000PF, K, 50V
C3116	ECUX1H102KBM	C 1000PF, K, 50V
C3117	ECUX1H102KBM	C 1000PF, K, 50V
C3118	ECUX1H102KBM	C 1000PF, K, 50V
C3121	ECUX1H330JM	C 33PF, J, 50V
C3367	ECEA1CN470S	E 47UF, 16V
C3368	ECQB1H223KF	P 0.022UF, K, 50V
C3369	ECEA1HUR22	E 0.22UF, 50V
C3370	ECEA1CU100	E 10UF, 16V
C3385	ECUX1H103ZFM	C 0.01UF, Z, 50V
C3404	ECKF1H103ZF	C 0.01UF, Z, 50V
C3405	ECEA1CU220	E 22UF, 16V
C3406	ECEA1HN010S	E 1UF, 50V
C3407	ECEAIHN010S	E 1UF, 50V

COILS

DL1830	TLK160885E	LC FILTER
L101	EIV7ES005B	TUNING COIL
L103	TLTACC8R2K	PEAKING COIL 8.2U
L104	TLTACC8R2K	PEAKING COIL 8.2U
L105	EIV7EN034B	COIL
L106	EIV7EN150B	COIL
L109	TLI151761	COIL
L110	TLTACC121K	PEAKING COIL
L130	EIV7ES004B	IF TRANS
L132	TLI157051	FILTER
L140	TLTACC180K	PEAKING COIL 18U
L141	TLTACC120K	PEAKING COIL 12U
L142	TLTACC180K	PEAKING COIL 18U
L143	TLTACC180K	PEAKING COIL 18U
L144	TLTACC151K	PEAKING COIL
L201	EIS7ES001B	COIL
L202	EIS7ES002B	COIL
L203	TLTACC100K	PEAKING COIL 10U
L331	TSK1002	COIL
L351	TSK1002	COIL
L355	TLTACC560K	PEAKING COIL 56U
L356	TLTACC560K	PEAKING COIL 56U
L357	TLTACC560K	PEAKING COIL 56U
L358	TLTACC270K	PEAKING COIL 27U

Ref.No.	Part No.	Description
L359	TLTACC120K	PEAKING COIL 12U
L360	TLTACC270K	PEAKING COIL 27U
L361	TSC925-4	CHOKE COIL
L501	TLT542K991K	PEAKING COIL 5.4M
L552	TSC930-4	CHOKE COIL
L553	TSC930-4	CHOKE COIL
L554	TSC930-4	CHOKE COIL
L555	TSC930-4	CHOKE COIL
L601	EIK7ES011B	COIL
L602	TLTACC100K	PEAKING COIL 10U
L603	EFDEN645A11G	DELAY LINE
L604	TLTACC100K	PEAKING COIL 10U
L605	TLTACC100K	PEAKING COIL 10U
L606	TLTACC100K	PEAKING COIL 10U
L607	TLTACC681K	PEAKING COIL 680U
L650	EIK7ES009B	COIL
L651	EIK7ES009B	COIL
L653	EIK7ES007B	COIL
L753	TLH15693T	COIL ▲
L754	ELC18B030	CHOKE COIL
L760	ELC08D055	CHOKE COIL
L790	ELH11Y751	HORIZONTAL COIL ▲
L801	TLP15152	TRANS.
L802	TSC930-4	CHOKE COIL
L803	TSC930-4	CHOKE COIL
L804	TSC930-4	CHOKE COIL
L805	TSC930-4	CHOKE COIL
L806	TSC937	CHOKE COIL
L807	TSC937	CHOKE COIL
L808	TSC930-4	CHOKE COIL
L812	ELC08D067	CHOKE COIL
L813	ELC08D058	CHOKE COIL
L814	ELC08D067	CHOKE COIL
L816	TSC937	CHOKE COIL
L820	TSC928-4	CHOKE COIL
L825	TSC937	CHOKE COIL
L828	TLTACC101K	PEAKING COIL 100U
L831	ELC08D067	CHOKE COIL
L870	ELF18D856B	LINE FILTER ▲
L872	ELF18D856B	LINE FILTER ▲
L873	ELF18D856B	LINE FILTER ▲
L874	ELF18D856B	LINE FILTER ▲
L881	TSC930-4	CHOKE COIL

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Ref.No.	Part No.	Description
L882	TSC930-4	CHOKE COIL
L953	TSK1002	COIL
L954	TSK1002	COIL
L1207	TLTABT100K	PEAKING COIL 10U
L1208	TLTABT100K	PEAKING COIL 10U
L1210	TLTABT100K	PEAKING COIL 10U
L1221	TLTABT100K	PEAKING COIL 10U
L1222	TLTABT100K	PEAKING COIL 10U
L1223	TLTABT100K	PEAKING COIL 10U
L1224	TLTABT100K	PEAKING COIL 10U
L1231	TLTABT100K	PEAKING COIL 10U
L1232	TSC930-4	CHOKE COIL
L1236	TSC937	CHOKE COIL
L1238	TLTABT100K	PEAKING COIL 10U
L1239	TLTABT100K	PEAKING COIL 10U
L1240	TLTABT100K	PEAKING COIL 10U
L1246	TLTABT100K	PEAKING COIL 10U
L1252	TLTABT100K	PEAKING COIL 10U
L1253	TLTABT100K	PEAKING COIL 10U
L1255	TLTABT100K	PEAKING COIL 10U
L1257	TLTABT101K	PEAKING COIL 100U
L1258	TLTABT101K	PEAKING COIL 100U
L1514	ETR28K30A	TRANS
L1701	TSC937	CHOKE COIL
L1801	TLK150885E	DELAY LINE
L1806	EIK7ES009B	COIL
L1807	EIK7ES009B	COIL
L1808	EIK7ES011B	COIL
L1809	EIK7ES008B	COIL
L1810	EIK7ES007B	COIL
L1811	TLT100K991K	PEAKING COIL 10U
L1813	TLTACC8R2K	PEAKING COIL 8.2U
L1814	TSC937	CHOKE COIL
L1816	TSC937	CHOKE COIL
L1817	TSC937	CHOKE COIL
L1818	TLT181K991K	PEAKING COIL 180U
L1819	TLT181K991K	PEAKING COIL 180U
L1820	EFDEN645A11G	DELAY LINE
L1828	TSC937	CHOKE COIL
L1831	ELC08D067	CHOKE COIL
L1833	TSC925-4	CHOKE COIL
L1835	TSK1002	COIL
L1837	TSC930-4	CHOKE COIL

Ref.No.	Part No.	Description
L3003	TLTACC220K	PEAKING COIL 22U
L3004	TLTACC100K	PEAKING COIL 10U
L3006	TLTACC820K	PEAKING COIL 82U
L3007	TLTACC560K	PEAKING COIL 56U
L3010	TLTACC560K	PEAKING COIL 56U
L3015	TLTACC270K	PEAKING COIL 27U
L3020	TLTACC120K	PEAKING COIL 12U
L3021	TSC937	CHOKE COIL
L3103	TLTACC560K	PEAKING COIL 56U
L3368	TLTACC220K	PEAKING COIL 22U
L3370	TLK160874E	LC FILTER
L3371	TLK160875E	LC FILTER
L3373	TLTACC4R7K	PEAKING COIL 4.7U
LC1802	TLK160873E	LC FILTER
LC1810	TAX10055	FILTER
LC1811	TAX10054	FILTER
LC1812	ELXTS391CA	FILTER
LC1813	ELXTS391CA	FILTER
LC1814	TSC937	CHOKE COIL
LC1815	TSC937	CHOKE COIL
LC1817	ELXTS331RA	FILTER
LC1821	EXCEMT103DC	EMI FILTER
LC1822	ELXTS103EA	FILTER
LC1822	EXCEMT103DC	EMI FILTER
LC1823	TSC937	CHOKE COIL
LC1825	TLTACC100K	PEAKING COIL 10U
LC1826	TLTACC100K	PEAKING COIL 10U
LC1827	TLTACC100K	PEAKING COIL 10U
LC1830	ELXTS331RA	FILTER
LC1831	ELXTS331RA	FILTER
LC1832	ELXTS331RA	FILTER
LC1833	ELXTS331RA	FILTER
LC1835	EXCEMT103DC	EMI FILTER
LC1836	ELXTS331RA	FILTER
LC1837	ELXTS331RA	FILTER
LC1840	EXCEMT103DC	EMI FILTER
LC1841	TSC937	CHOKE COIL
LC1842	TSC937	CHOKE COIL
LC1843	EXCEMT103DC	EMI FILTER
LC1844	TSC937	CHOKE COIL
LC3001	TAFHCF0230	COM FILTER
LC3002	TLK160883E	LC FILTER
LC3003	TLK160886E	LC FILTER

Ref.No.	Part No.	Description
TRANSFORMERS		
T501	TLF14456B	FLYBACK TRANS ▲
T502	ETQ28K46AY	CHOKE TRANS ▲
T551	TLH6476	H.DRIVE TRANS.
T652	EIK7ES008B	COIL
T790	ETR26L32A	PINCUSHION COIL ▲
T801	ETS49K536A	SWITCHING TRANS ▲
T881	ETE19K78AY	REMOCON TRANS ▲
DIODES		
D103	MA165	DIODE
D104	MA165	DIODE
D105	MA165	DIODE
D141	MA165	DIODE
D201	MA856	DIODE
D202	MA165	DIODE
D203	MA165	DIODE
D204	MA856	DIODE
D205	MA858	DIODE
D206	MA856	DIODE
D207	MA858	DIODE
D209	MA856	DIODE
D305	MA165	DIODE
D332	MA165	DIODE
D333	MA4082M	ZENER DIODE
D334	MA165	DIODE
D335	MA165	DIODE
D336	MA165	DIODE
D351	MA165	DIODE
D352	MA165	DIODE
D353	MA165	DIODE
D354	MA165	DIODE
D355	MA165	DIODE
D356	MA165	DIODE
D357	MA165	DIODE
D358	MA165	DIODE
D360	MA4075L	ZENER DIODE
D451	ERA15-01	DIODE
D453	MA29WA	DIODE
D460	MA4360M	ZENER DIODE
D502	MA165	DIODE
D514	MA4100M	ZENER DIODE
D518	MA4091M	ZENER DIODE
D531	MA165	DIODE

Ref.No.	Part No.	Description
D551	TVSEU2	DIODE
D552	TVSEU2	DIODE
D553	TVSEU2	DIODE
D555	MA171	DIODE
D557	MA4104J	ZENER DIODE ▲
D558	MA4360H	ZENER DIODE
D559	MA165	DIODE
D560	MA165	DIODE
D562	MA4062H	ZENER DIODE
D579	MA4360H	ZENER DIODE
D580	MA4360H	ZENER DIODE
D590	MA165	DIODE
D601	MA165	DIODE
D603	MA170	DIODE
D609	MA165	DIODE
D610	MA700	DIODE
D611	MA165	DIODE
D612	MA858	DIODE
D613	MA858	DIODE
D615	MA165	DIODE
D617	MA165	DIODE
D620	MA4180M	ZENER DIODE
D625	MA165	DIODE
D701	MA29T-B	DIODE
D702	MA29T-B	DIODE
D703	MA29T-B	DIODE
D706	MA165	DIODE
D707	MA165	DIODE
D710	MA2240B	DIODE
D751	ERD07-15	DIODE
D752	TVSRU2AM	DIODE
D794	MA165	DIODE
D795	MA4043M	ZENER DIODE
D796	MA29T-B	DIODE
D797	MA29T-B	DIODE
D798	MA2240B	DIODE
D802	D4SB80Z	DIODE
D803	TVSEU2	DIODE
D804	TVSEU2	DIODE
D805	TVSEU2	DIODE
D808	RU4AM	DIODE
D809	FML22S	DIODE
D810	FML22S	DIODE

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Ref.No.	Part No.	Description
D812	TLP621GR-LF2	PHOTO COUPLER ▲
D813	MA165	DIODE
D816	ERZC10DK621	VARISTOR
D818	ERC13-08	DIODE
D819	MA4120M	ZENER DIODE
D820	MA170	DIODE
D822	MA170	DIODE
D823	MA1075L	ZENER DIODE
D824	MA1240H	ZENER DIODE
D825	ERPW5B0N120D	POSISTOR
D826	ERPW5B0N120D	POSISTOR
D828	MA1150M	ZENER DIODE
D830	MA165	DIODE
D841	TLP621GR-LF2	PHOTO COUPLER ▲
D842	MA165	DIODE
D843	MA4104J	ZENER DIODE
D844	MA2062B	ZENER DIODE
D850	ERA15-04	DIODE
D882	ERA22-04	DIODE
D883	MA4120M	ZENER DIODE
D885	MA4200M	ZENER DIODE
D886	ERA22-04	DIODE
D901	MA165	DIODE
D955	MA29WB	DIODE
D957	MA165	DIODE
D958	MA165	DIODE
D1051	LN21RCPHL	LED (RED)
D1203	MA700	DIODE
D1206	MA165	DIODE
D1207	MA165	DIODE
D1209	MA165	DIODE
D1213	MA4180M	ZENER DIODE
D1214	MA700	DIODE
D1218	MA4075H	ZENER DIODE
D1501	MA165	DIODE
D1503	MA165	DIODE
D1504	MA165	DIODE
D1505	MA165	DIODE
D1506	MA165	DIODE
D1507	MA165	DIODE
D1701	MA4180M	ZENER DIODE
D1805	MA4091M	ZENER DIODE
D1808	MA165	DIODE

Ref.No.	Part No.	Description
D1809	MA165	DIODE
D1810	MA165	DIODE
D1812	MA165	DIODE
D1813	MA165	DIODE
D1814	MA165	DIODE
D1815	MA165	DIODE
D1820	MA4068M	ZENER DIODE
D1821	MA4068M	ZENER DIODE
D1825	MA165	DIODE
D1828	MA700	DIODE
D1830	MA4180M	ZENER DIODE
D1831	MA165	DIODE
D1832	MA165	DIODE
D1833	MA165	DIODE
D1836	MA4140M	ZENER DIODE
D1838	MA4068M	ZENER DIODE
D1839	MA4068M	ZENER DIODE
D1840	MA4068M	ZENER DIODE
D1842	MA4030M	ZENER DIODE
D2201	TVSQB109SA	ZENER DIODE
D2303	MA1360M	ZENER DIODE
D2401	MA4180M	ZENER DIODE
D2402	MA700	DIODE
D2429	MA165	DIODE
D3032	MA165	DIODE
D3033	MA165	DIODE
D3034	MA165	DIODE
D3035	MA165	DIODE
D3036	MA165	DIODE
D3037	MA4180M	ZENER DIODE
D3102	MA165	DIODE
D3103	MA165	DIODE
LED1	LN66A	LED
INTEGRATED CIRCUITS		
IC1	BU5903F	IC
IC101	AN5179K	LINEAR IC
IC102	MN4066B	MOS LOGIC IC
IC201	TC4052BP	MOS DIGITAL IC
IC451	LA7838	LINEAR IC
IC552	AN78M05	LINEAR IC
IC601	TA8719AN	LINEAR IC ▲
IC602	MN4066B	MOS LOGIC IC
IC801	SE139N	IC ▲

Ref.No.	Part No.	Description
IC802	AN7812	LINEAR IC
IC803	AN78M05	LINEAR IC
IC901	AN5650	LINEAR IC
IC902	AN5421	LINEAR IC
IC1202	AN5071	LINEAR IC
IC1205	MN4066B	MOS LOGIC IC
IC1206	MN4066B	MOS LOGIC IC
IC1211	24C02AIPA21	IC
IC1212	MN1280R	IC (MOS IC)
IC1213	MN1872419TWC	MOS IC
IC1501	AN6562	LINEAR IC
IC1502	AN6562	LINEAR IC
IC1503	AN6562	LINEAR IC
IC1802	TA8719AN	LINEAR IC
IC1804	LA7217	LINEAR IC
IC1805	LC7441E	IC
IC1806	LC7480	IC
IC1807	SN74S124N	IC
IC1808	AN5612	LINEAR IC
IC1809	MT42C4064-12	IC
IC1810	AN5862K	LINEAR IC
IC1813	MN8303	MOS IC (MI-CON)
IC1814	TA8763Z	LINEAR IC
IC1815	TC74HCU04AP	IC
IC1818	AN5858K	LINEAR IC
IC1825	AN7812	LINEAR IC
IC1826	AN7805	LINEAR IC
IC2201	CXA1124AS	IC
IC2301	TA8200AH	LINEAR IC
IC2401	UPC1891ACY	IC
IC2402	CXA1279S	IC
IC3001	AN5858K	LINEAR IC
IC3003	MN4066B	MOS LOGIC IC
IC3004	CX20125	LINEAR IC
IC3006	AN5342K	LINEAR IC
IC3007	AN78L09	LINEAR IC

TRANSISTORS

Q1	2SC3265Y	TRANSISTOR
Q101	2SC2188	TRANSISTOR
Q102	2SC1685-Q	TRANSISTOR
Q103	2SC2058S	TRANSISTOR
Q104	2SC1685-Q	TRANSISTOR
Q105	2SC2058S	TRANSISTOR

Ref.No.	Part No.	Description
Q107	2SC1685-Q	TRANSISTOR
Q108	UN4214	TRANSISTOR
Q109	2SC1685-Q	TRANSISTOR
Q110	2SC2058S	TRANSISTOR
Q115	2SA564A-R	TRANSISTOR
Q116	UN4214	TRANSISTOR
Q117	2SC1685-Q	TRANSISTOR
Q331	2SA564A-R	TRANSISTOR
Q351	2SC3063	TRANSISTOR
Q352	2SC3063	TRANSISTOR
Q353	2SC3063	TRANSISTOR
Q354	2SC1685-Q	TRANSISTOR
Q355	2SC1685-Q	TRANSISTOR
Q356	2SC1685-Q	TRANSISTOR
Q357	2SC3063	TRANSISTOR
Q358	2SC3063	TRANSISTOR
Q359	2SC3063	TRANSISTOR
Q360	2SA1698	TRANSISTOR
Q361	2SA1698	TRANSISTOR
Q362	2SA1698	TRANSISTOR
Q363	2SA564A-R	TRANSISTOR
Q403	UN4212	TRANSISTOR
Q451	UN4212	TRANSISTOR
Q452	UN4213	TRANSISTOR
Q453	UN4212	TRANSISTOR
Q504	2SA564A-R	TRANSISTOR
Q505	2SA564A-R	TRANSISTOR
Q507	UN4217	TRANSISTOR
Q509	2SC1685-Q	TRANSISTOR
Q551	2SD1556	TRANSISTOR
Q552	2SC4212H	TRANSISTOR
Q553	2SA564A-R	TRANSISTOR
Q554	2SC1685-Q	TRANSISTOR
Q555	2SA564A-R	TRANSISTOR
Q557	2SA564A-R	TRANSISTOR
Q558	2SD965	TRANSISTOR
Q601	2SC1685-Q	TRANSISTOR
Q602	UN4213	TRANSISTOR
Q604	2SC1685-Q	TRANSISTOR
Q605	2SC1685-Q	TRANSISTOR
Q606	2SC1685-Q	TRANSISTOR
Q607	2SC1685-Q	TRANSISTOR
Q608	UN4212	TRANSISTOR

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Ref.No.	Part No.	Description
Q614	2SC1685-Q	TRANSISTOR
Q615	2SC1685-Q	TRANSISTOR
Q616	2SC1685-Q	TRANSISTOR
Q617	UN4213	TRANSISTOR
Q701	2SC1685-Q	TRANSISTOR
Q702	2SC1685-Q	TRANSISTOR
Q703	2SC1685-Q	TRANSISTOR
Q710	2SD1499	TRANSISTOR
Q711	2SA564A-R	TRANSISTOR
Q712	2SC1685-Q	TRANSISTOR
Q750	2SC1685-Q	TRANSISTOR
Q751	2SC1685-Q	TRANSISTOR
Q752	2SC1685-Q	TRANSISTOR
Q753	2SC1685-Q	TRANSISTOR
Q754	2SC1685-Q	TRANSISTOR
Q755	2SC1685-Q	TRANSISTOR
Q756	2SC1685-Q	TRANSISTOR
Q757	2SC1685-Q	TRANSISTOR
Q758	2SC1685-Q	TRANSISTOR
Q759	2SC1685-Q	TRANSISTOR
Q801	2SC4111	TRANSISTOR
Q802	2SD966	TRANSISTOR
Q803	2SC2594	TRANSISTOR
Q804	2SD965	TRANSISTOR
Q805	2SD965	TRANSISTOR
Q806	2SA1018	TRANSISTOR
Q807	2SA564A-R	TRANSISTOR
Q811	2SC1573B	TRANSISTOR
Q812	TVSAC05DGM	THYRISTOR
Q813	CR3CM-12	THYRISTOR
Q814	2SC1685-Q	TRANSISTOR
Q820	2SA564A-R	TRANSISTOR
Q821	CR3CM-12	THYRISTOR
Q841	2SD1010	TRANSISTOR
Q881	2SC4004	TRANSISTOR
Q882	2SD965	TRANSISTOR
Q901	2SC1685-Q	TRANSISTOR
Q902	2SC1685-Q	TRANSISTOR
Q903	2SC1685-Q	TRANSISTOR
Q906	2SC1685-Q	TRANSISTOR
Q907	2SC1685-Q	TRANSISTOR
Q908	UN4212	TRANSISTOR
Q952	2SC1685-Q	TRANSISTOR

Ref.No.	Part No.	Description
Q953	2SD1423A	TRANSISTOR
Q954	2SB1030A	TRANSISTOR
Q955	2SB940A	TRANSISTOR
Q956	2SD1264A	TRANSISTOR
Q1202	2SC1685-Q	TRANSISTOR
Q1203	2SA564A-R	TRANSISTOR
Q1205	2SC1685-Q	TRANSISTOR
Q1206	2SC1685-Q	TRANSISTOR
Q1207	2SA564A-R	TRANSISTOR
Q1208	2SC1685-Q	TRANSISTOR
Q1209	2SC1685-Q	TRANSISTOR
Q1211	2SC1685-Q	TRANSISTOR
Q1212	2SC1685-Q	TRANSISTOR
Q1213	UN4212	TRANSISTOR
Q1214	2SC1685-Q	TRANSISTOR
Q1215	2SC1685-Q	TRANSISTOR
Q1216	2SC1685-Q	TRANSISTOR
Q1217	2SC1685-Q	TRANSISTOR
Q1218	UN4211	TRANSISTOR
Q1219	2SA564A-R	TRANSISTOR
Q1220	2SA564A-R	TRANSISTOR
Q1221	2SC1685-Q	TRANSISTOR
Q1231	2SC1685-Q	TRANSISTOR
Q1501	2SC1509	TRANSISTOR
Q1502	2SC1685-Q	TRANSISTOR
Q1503	2SC1685-Q	TRANSISTOR
Q1504	2SC1685-Q	TRANSISTOR
Q1801	2SC1685-Q	TRANSISTOR
Q1806	2SC1685-Q	TRANSISTOR
Q1813	2SC1685-Q	TRANSISTOR
Q1814	2SC1685-Q	TRANSISTOR
Q1816	2SC1685-Q	TRANSISTOR
Q1820	2SC1685-Q	TRANSISTOR
Q1821	2SC1685-Q	TRANSISTOR
Q1822	2SC1685-Q	TRANSISTOR
Q1823	2SC1685-Q	TRANSISTOR
Q1825	2SC1685-Q	TRANSISTOR
Q1826	2SC1685-Q	TRANSISTOR
Q1827	2SA564A-R	TRANSISTOR
Q1828	2SA564A-R	TRANSISTOR
Q1829	2SC1685-Q	TRANSISTOR
Q1834	2SC1685-Q	TRANSISTOR
Q1835	2SC1685-Q	TRANSISTOR

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Ref.No.	Part No.	Description
Q1836	2SC1685-Q	TRANSISTOR
Q1837	2SC1685-Q	TRANSISTOR
Q1838	2SC1685-Q	TRANSISTOR
Q1839	2SC1685-Q	TRANSISTOR
Q1840	2SC1685-Q	TRANSISTOR
Q1841	2SC1685-Q	TRANSISTOR
Q1842	2SC1685-Q	TRANSISTOR
Q1844	2SC1685-Q	TRANSISTOR
Q1845	2SC1685-Q	TRANSISTOR
Q1846	2SC1685-Q	TRANSISTOR
Q1847	2SC1685-Q	TRANSISTOR
Q1848	2SC1685-Q	TRANSISTOR
Q1849	UN4212	TRANSISTOR
Q1850	UN4212	TRANSISTOR
Q1851	UN4211	TRANSISTOR
Q1853	UN4211	TRANSISTOR
Q1854	2SC1685-Q	TRANSISTOR
Q1855	2SA564A-R	TRANSISTOR
Q1856	2SA564A-R	TRANSISTOR
Q1859	2SC1685-Q	TRANSISTOR
Q1862	2SC1685-Q	TRANSISTOR
Q1863	2SC1685-Q	TRANSISTOR
Q1864	2SC1685-Q	TRANSISTOR
Q1865	UN4212	TRANSISTOR
Q1866	2SC1685-Q	TRANSISTOR
Q1867	2SC1685-Q	TRANSISTOR
Q1869	UN4211	TRANSISTOR
Q1871	2SC1685-Q	TRANSISTOR
Q1873	2SC1685-Q	TRANSISTOR
Q1874	2SC1685-Q	TRANSISTOR
Q1875	2SC1685-Q	TRANSISTOR
Q1881	2SC1685-Q	TRANSISTOR
Q2201	2SC1685-Q	TRANSISTOR
Q2202	2SA564A-R	TRANSISTOR
Q2203	2SC1685-Q	TRANSISTOR
Q2401	2SC1685-Q	TRANSISTOR
Q2402	2SC1685-Q	TRANSISTOR
Q2404	2SC1685-Q	TRANSISTOR
Q2405	2SC1685-Q	TRANSISTOR
Q2406	2SC1685-Q	TRANSISTOR
Q2407	2SC1685-Q	TRANSISTOR
Q2429	2SA564A-R	TRANSISTOR
Q3001	2SC1685-Q	TRANSISTOR

Ref.No.	Part No.	Description
Q3006	2SC1685-Q	TRANSISTOR
Q3010	2SC1685-Q	TRANSISTOR
Q3011	2SC1685-Q	TRANSISTOR
Q3012	2SC1685-Q	TRANSISTOR
Q3013	2SC1685-Q	TRANSISTOR
Q3014	2SA564A-R	TRANSISTOR
Q3015	2SC1685-Q	TRANSISTOR
Q3016	2SC1685-Q	TRANSISTOR
Q3018	2SC1685-Q	TRANSISTOR
Q3019	2SC1685-Q	TRANSISTOR
Q3022	2SC1685-Q	TRANSISTOR
Q3023	2SC1685-Q	TRANSISTOR
Q3024	2SC1685-Q	TRANSISTOR
Q3025	2SC1685-Q	TRANSISTOR
Q3027	2SC1685-Q	TRANSISTOR
Q3029	2SC1685-Q	TRANSISTOR
Q3032	UN4214	TRANSISTOR
Q3033	UN4113	TRANSISTOR
Q3034	UN4113	TRANSISTOR
Q3038	2SC1685-Q	TRANSISTOR
Q3039	2SA564A-R	TRANSISTOR
Q3046	UN4213	TRANSISTOR
Q3048	2SC1685-Q	TRANSISTOR
Q3049	2SC1685-Q	TRANSISTOR
Q3051	2SC1685-Q	TRANSISTOR
Q3052	2SA564A-R	TRANSISTOR
Q3057	2SC1685-Q	TRANSISTOR
Q3184	2SC1685-Q	TRANSISTOR
Q3366	2SA564A-R	TRANSISTOR
Q3367	2SC1685-Q	TRANSISTOR
Q3368	2SC1685-Q	TRANSISTOR
Q3369	2SC1685-Q	TRANSISTOR
Q3370	2SC1685-Q	TRANSISTOR
Q3371	2SC1685-Q	TRANSISTOR
Q3374	2SC1685-Q	TRANSISTOR
Q3375	2SC1685-Q	TRANSISTOR
Q3378	2SC1685-Q	TRANSISTOR
Q3379	2SC1685-Q	TRANSISTOR
Q3383	2SC1685-Q	TRANSISTOR
Q3390	2SC1685-Q	TRANSISTOR
Q3391	2SA564A-R	TRANSISTOR
OTHERS		
A1	TJS5A9920	8P CONNECTOR

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Ref.No.	Part No.	Description
A2	TJS5A9920	8P CONNECTOR
AE	TJS118590	2P CONNECTOR
B1	TJS5A9420	CONNECTOR
B1	TJS5A9450	CONNECTOR
B2	TJS5A9420	CONNECTOR
B2	TJS5A9450	CONNECTOR
B3	TJS5A9420	CONNECTOR
B3	TJS5A9450	CONNECTOR
B4	TJS118590	2P CONNECTOR
C1	TJS5A9420	CONNECTOR
C1	TJS5A9450	CONNECTOR
C2	TJS5A9420	CONNECTOR
C2	TJS5A9450	CONNECTOR
C3	TJS5A8160	CONNECTOR
C3	TJS5A9420	CONNECTOR
C4	TJS118600	3P CONNECTOR
C5	TJS118610	4P CONNECTOR
C6	TJS118620	5P CONNECTOR
C7	TJS118660	9P CONNECTOR
C8	TJS118630	6P CONNECTOR
C9	TJS118630	6P CONNECTOR
C10	TJS118590	2P CONNECTOR
C14	TJS118610	4P CONNECTOR
C16	TJS118600	3P CONNECTOR
D1	TJS5A9840	8P CONNECTOR
D2	TJS5A9820	CONNECTOR
D3	TJS5A9820	CONNECTOR
D4	TJS118610	4P CONNECTOR
D6	TJS118600	3P CONNECTOR
D8	TJS118600	3P CONNECTOR
D14	TJS118590	2P CONNECTOR
D16	TJS118600	3P CONNECTOR
D22	TJS118590	2P CONNECTOR
E1	TJS5A9830	8P CONNECTOR
E2	TJS5A9810	CONNECTOR
E3	TJS5A9810	CONNECTOR
E4	TJS118620	5P CONNECTOR
E5	TJS118600	3P CONNECTOR
E6	TJS118620	5P CONNECTOR
E12	TJS118620	5P CONNECTOR
E13	TJS118610	4P CONNECTOR
E16	TJS118590	2P CONNECTOR
E19	TJS118590	2P CONNECTOR

Ref.No.	Part No.	Description
E20	TJS118590	2P CONNECTOR
E21	TJS118590	2P CONNECTOR
G1	TJS1A8110	TELEPHON JACK (5P)
G2	TJS1A8100	PHONO PIN (4P)
G3	TJS1A8120	6P CONNECTOR
G4	TJS1A8100	PHONO PIN (4P)
G6	TJS1A8100	PHONO PIN (4P)
H1	TJS5A9420	CONNECTOR
H1	TJS5A9450	CONNECTOR
H2	TJS5A9420	CONNECTOR
H2	TJS5A9450	CONNECTOR
H3	TJS5A8160	CONNECTOR
H3	TJS5A9420	CONNECTOR
H10	TJS1A8110	TELEPHON JACK (5P)
H11	TJS1A8120	6P CONNECTOR
H15	TJS1A8100	PHONO PIN (4P)
H21	TJS1A8090	PHONO PIN (3P)
H24	TJS118610	4P CONNECTOR
H25	TJS118590	2P CONNECTOR
H26	TJS118630	6P CONNECTOR
Q1	TJS118620	5P CONNECTOR
Q2	TJS5A9680	18P FFC CONNECTOR
Q3	TJS118600	3P CONNECTOR
R1	TJS6A8210	CONNECTOR
T1	TJS5A9420	CONNECTOR
T1	TJS5A9450	CONNECTOR
T2	TJS5A9420	CONNECTOR
T2	TJS5A9450	CONNECTOR
U1	TJS1A8150	9P CONNECTOR
U2	TJS1A8120	6P CONNECTOR
U3	TJS1A8120	6P CONNECTOR
U4	TJS1A8120	6P CONNECTOR
W1	TJS118590	2P CONNECTOR
X10	TJS5A8160	CONNECTOR
X10	TJS5A9420	CONNECTOR
X11	TJS5A8160	CONNECTOR
X11	TJS5A9420	CONNECTOR
X12	TJS5A8160	CONNECTOR
X12	TJS5A9420	CONNECTOR
X14	TJS118590	2P CONNECTOR
X16	TJS118600	3P CONNECTOR
Y1	TJS118620	5P CONNECTOR
Y2	TJS118600	3P CONNECTOR

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Ref.No.	Part No.	Description
Y3	TJS118610	4P CONNECTOR
Y4	TJS118590	2P CONNECTOR
Y5	TJS118600	3P CONNECTOR
Z2	TJS118600	3P CONNECTOR
Z10	TJS118620	5P CONNECTOR
Z11	TJS118630	6P CONNECTOR
Z12	TJS118620	5P CONNECTOR
Z14	TJS118610	4P CONNECTOR
Z15	TJS118610	4P CONNECTOR
Z24	TJS118610	4P CONNECTOR
Z25	TJS118590	2P CONNECTOR
Z26	TJS118630	6P CONNECTOR
F801	XBA2C40TR0	FUSE 250V 4A ▲
JK351	TJS1A5090	CRT SOCKET ▲
JK3151	TJB17681	TERMINAL
NLA	TNP107759AC	CIRCUIT BOARD U ▲
NLA	TNP107761AA	CIRCUIT BOARD N ▲
NLA	TNP107767	CIRCUIT BOARD A ▲
NLA	TNP107785	CIRCUIT BOARD H ▲
NLA	TNP107812AK	CIRCUIT BOARD Y ▲
NLA	TNP107817	CIRCUIT BOARD Z ▲
NLA	TNP107819	CIRCUIT BOARD C ▲
NLA	TNP107833AD	CIRCUIT BOARD T ▲
NLA	TNP107843AB	CIRCUIT BOARD X ▲
NLA	TNP107858AK	CIRCUIT BOARD D ▲
NLA	TNP107861	CIRCUIT BOARD R ▲
NLA	TNP107862AB	CIRCUIT BOARD G ▲
NLA	TNP107864	CIRCUIT BOARD Q ▲
NLA	TNP107865AA	CIRCUIT BOARD P ▲
NLA	TNP107886AB	CIRCUIT BOARD W ▲
NLA	TNP107893	CIRCUIT BOARD L ▲
NLA	TNP107895AA	CIRCUIT BOARD S ▲
NLA	TNP107896	CIRCUIT BOARD B ▲
NLA	TNP197072AM	CIRCUIT BOARD E ▲
S451	EVQR4AL13	SWITCH
S601	EVQRBAL10	SWITCH (SVC)
S801	ESB99902S	POWER SWITCH ▲
S3001	ESD1512251	SWITCH
SW1	ESD11V121	SWITCH
X1	EFOA440K06A1	CERAMIC FILTER
X101	TFCH38MVK03	SAW FILTER
X102	EFCS6R5MW5	CERAMIC FILTER
X103	EFCS6R0MW5	CERAMIC FILTER

Ref.No.	Part No.	Description
X104	EFCS5M7MW3	CERAMIC FILTER
X105	EFCS4R5MW5	CERAMIC FILTER
X106	EFCH32MVK2N	CERAMIC FILTER
X201	EFCS5R5MS5	FILTER
X202	EFCS4R5MS5	CERAMIC FILTER
X203	EFCS6R5MS5	CERAMIC FILTER
X204	EFCS6R0MS5	FILTER
X205	EFCS5R5MS5	FILTER
X501	TAFCSB503F30	CERAMIC FILTER
X601	TSS816N1	CRYSTAL
X602	TSS816-N2	CRYSTAL
X1210	EF0GC6004A4	CERAMIC FILTER
X1802	TAFCSB503F35	CERAMIC FILTER
X1803	TSS816N1	CRYSTAL
X1804	TSS816-N2	CRYSTAL
X1805	TSS2114-M	CRYSTAL 20MHZ
X1806	TAFCSB500F9	CERAMIC FILTER
X3003	EFCA4R43MB3	CERAMIC FILTER
X3004	EFCA4R43MB3	CERAMIC FILTER

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